DOCUMENT RESUME

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ABSTRACT

Contained in the bibliography are 77 references to texts, journal articles, program guides, research and medical reports, and other literature on physically handicapped children and children with other special health problems. The bibliography is one in a series of over 50 similar listings on handicapped and gifted children. For each of the references, which were selected from Exceptional Child Education Abstracts, bibliographic data, availability information, indexing and retrieval descriptors, and an abstract are given. Also provided are author and subject indexes. (KW)

EC032740

ED052572

PHYSICALLY HANDICAPPED AND SPECIAL HEALTH PROBLEMS

A Selective Bibliography

February 1971

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CEC Information Center on Exceptional Children
The Council for Exceptional Children
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Arlington, Virginia 22202

This bibliography is a product of the Information Processing Unit, CEC-ERIC Information Center on Exceptional Children.

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EC032740

The CEC Information Center on Exceptional Children

With a grant from the US Office of Education, the CEC Information Center was established at The Council for Exceptional Children to serve as a comprehensive source of information on research, instructional materials, programs, administration, teacher education, methods, curriculum, etc. for the field of special education. The Center functions as the Clearinghouse on Exceptional Children in the Educational Resources Information Centers (ERIC) program and also as a member center in the Instructional Materials Centers Network for Handicapped Children and Youth (IMCNHCY). In addition, the CEC Center's program includes a commitment to a concentrated effort towards the development of products which will interpret research results into educational methods and practices.

How to Use This Bibliography

The abstracts in this bibliography have been retrieved from the computer stored information of the CEC Information Center on Exceptional Children. Abstracts represent the Center's complete holdings on the topic as of the date indicated.

How to Read the Abstract

Each abstract contains three sections---bibliographic data, descriptors, and a summary of the document. The bibliographic section provides the document's identifying number (ED and/or EC), publication date, author, title, source, and availability. The descriptors indicate the subjects with which a document deals. The summary provides a comprehensive overview of the document's contents and in some cases document availability is announced here.

How to Use the Indexes

Some bibliographies in *Exceptional Children Bibliography Series* contain author and/or subject indexes. In these bibliographies, readers seeking work on a specific aspect of the general topic may consult the subject index to be referred to specific abstract numbers. Abstracts dealing with several topics may be identified by finding the same abstract number under two or more subjects in the subject index.

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338 - 407	1.50	898 - 967	3.50
408 - 477	1.75	968 - 1037	3.75
478 - 547	2.00		

ABSTRACT 10058

EC 01 0058 ED 014 821
Publ. Date 28 Feb 66 31p.
Mc Cann, Cairbre
Development and Evaluation of Adaptive Communication Devices for the Severely Handicapped Child.
Crotched Mt. Found., Greenfield, New Hampshire
EDRS mf,hc

Descriptors: exceptional child research; physically handicapped; communication (thought transfer); cerebral palsy; communication problems; electromechanical aids; adolescents; adults; children

A sample of 13 severely involved, cerebral palsied clients (12 children, one adult) participated in this study. Degree of neuromotor disability was determined by a scale based on activities of daily living. A psychological evaluation was made of all subjects in the study. Subjects were evaluated in their use of electronic switches connected to various output devices ranging in complexity from a simple series of lights to a specially modified electric typewriter. Successful use of these devices has implications for recreation, education, communication, and therapy. Switch controls that were developed included a joystick, a set of mercury switches mounted on a hat, a miniature joystick held between the teeth and operated by the tongue, a pneumatic control hemispherical joystick for a palmar surface control, several magnetically activated devices, and a horn button switch. Output devices included a display board with four lightbulbs, Etch-a-Sketch drawing toy strip projector and electric typewriter control device. Subjects were evaluated on time lapse between request for response and response and adequacy of response. The appendixes include activities of daily living evaluation form, information on subjects tested and photographs of the input and output devices tested. (GB)

ABSTRACT 10097

EC 01 0097 ED 012 532
Publ. Date 25 Apr 66
Cruickshank, William M.
Cerebral Palsy, Its Individual and Community Problems.
EDRS not available

Descriptors: exceptional child education; physically handicapped; multiply handicapped; cerebral palsy; intelligence tests; speech handicaps; personality; language handicaps; aurally handicapped; visually handicapped; physical therapy; occupational therapy; mental retardation; parent education; vocational counseling; parent counseling; vocational rehabilitation; employment; community planning; social work; medical services; clinical diagnosis; parent attitudes; community attitudes; Bender Visual Motor Gestalt Test

In this revised edition, illustrated with 98 figures and tables, some original chapters have been expanded and new chapters have been added. Contributing authors are listed, and include educators, clinical workers, and administrators in the field of cerebral palsy. References and notes conclude each chapter, and several chapters have sections on related reading. A general index and author index follow the text. Chapters are listed under general area headings of (1) diagnosis and assessment (scope of the problem, medical aspects, intelligence evaluation, personality characteristics), (2) avenues to communication (speech and language problems, hearing problems, visual disorders), (3) therapy and education (physical therapy, occupational therapy, educational planning, mental retardation), and (4) planning for life adjustment (parent counseling and education, social casework, vocational guidance, employment, total community planning for individuals with cerebral palsy). The book is intended for students, professional workers, and others interested in the problems of cerebral palsy. This document is available from the Syracuse University Press, Box 87, University Station, Syracuse, New York 13210 for $10.95. (JD)

ABSTRACT 10115

EC 01 0115 ED 015 573
Publ. Date 64
McDonald, Eugene T.;
Cerebral Palsy, Foundations of Speech Pathology Series.
EDRS not available

Descriptors: exceptional child education; identification; speech therapy; physically handicapped; physical therapy; speech handicapped; cerebral palsy; language development; children; etiology; medical evaluation; multiply handicapped; neurologically handicapped; neurology; speech; speech evaluation; speech instruction; classification

This introductory text on cerebral palsy is divided into two sections. The first section of the book contains information about understanding the meaning of cerebral palsy, programs for those with cerebral palsy, the neurological bases, etiology, diagnosis, and the classification of cerebral palsy. Problems often associated with cerebral palsy are briefly discussed as are the types of therapy employed in treatment. The last two chapters are concerned with diagnosis and treatment of language and speech problems. Each of the chapters has a series of suggested readings and questions about the topic. A 195-item bibliography is included. This document is available from Prentice-Hall, Inc., Englewood Cliffs, New Jersey, and is available for $4.95. (GB)

ABSTRACT 10121

EC 01 0121 ED 016 319
Publ. Date 66
Fait, Hollis F.
Special Physical Education, Adapted, Corrective, Developmental.
EDRS not available

Descriptors: exceptional child education; curriculum; physical education; handicapped children; children; psychological characteristics; program administration; teaching procedures; visually handicapped; aurally handicapped; cerebral palsy; orthopedically handicapped; cardiac (person); mentally handicapped; socially maladjusted; mental illness; mental retardation; nutrition; games; physical fitness; dance; older adults

Written for prospective physical education teachers in a variety of settings, the book has three objectives--(1) to introduce briefly the nature of various handicapping conditions, (2) to delineate their psychological implications, and (3) to suggest suitable games and activities. Historical background, a basis for understanding the handicapped, administrative principles, and characteristics of an effective adapted physical education program are provided. The following disorders are considered--visual handicaps, auditory handicaps, cerebral palsy, orthopedic defects, heart conditions, convalescence, nutritional disturbances, other physical conditions requiring adapted physical education, mental retardation, social maladjustment and mental illness, and aging. The following activities and topics are treated--basic skill games, rhythms and dance, individual sports, dual games, team games, swimming, weight training, outdoor education, corrective body mechanics, and developmental programs for physical fitness. An appendix includes suggested films and filmstrips for teachers, film sources, record sources, professional organizations, societies and associations, and periodicals. This document was published by the W.B. Saunders Company, Philadelphia, Pennsylvania. (DF)

ABSTRACT 10125

EC 01 0125 ED 016 351
Publ. Date Mar 67 11p.
Hall, Robert E.; Lehman, Eileen F.
Some Colleges and Universities with Special Facilities to Accommodate Hndicapped Students, a Directory.
Office Of Education, Washington, D. C
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; physical facilities; orthopedically handicapped; colleges; universities; directories; special services; physical education; vocational rehabilitation; special counselors; counseling services; federal programs; handicapped; college buildings

The directory lists 190 United States colleges and universities enrolling more than 1000 students in 40 states and the District of Columbia which provide at least two of six conveniences for handicapped students--(1) on-campus housing ramps, (2) classroom ramps, (3) library

ramps, (4) beveled curbs, (5) reserved parking, and (6) modified toilet facilities. The directory also indicates the presence of related services--special counselors, regualr vocational rehabilitation, service visits, and adapted physical education. Further descriptive information about each institution includes location, control (public or private), length of program offered, type of student body (coed, male, female), and whether the institution participates in the Public Law 85-926 (as amended) Traineeship-Fellowship Programs. The directory notes other federal financial aid programs briefly--college work-study programs, National Defense students loans, Educational Opportunity grants, and guaranteed loans. Also cited are some state and private sources of scholarships and loans. (DF)

ABSTRACT 10268

EC 01 0268 ED 018 040
Publ. Date 66
Phenylketonuria, a Comprehensive Bibliography, 1964.
Children's Bur., Welfare Admin., Washington, D. C
EDRS not available

Descriptors: exceptional child education; mentally handicapped; bibliographies; genetics; medical case histories; annotated bibliographies; pathology; etiology; physical characteristics; child development; medical treatment; screening tests; incidence; food; biochemistry; diseases; nutrition; special health problems

Intended as an aid to professional and technical persons interested in phenylketonuria (PKU), the bibliography lists and annotates 817 items. Content divisions are (1) general--monographs and articles, (2) biochemistry--metabolism, experiments, tests, and cases in which the emphasis is on biochemistry, (3) genetics--gene studies, hereditary factors, and family trees, (4) case histories--single cases or small groups, (5) mental retardation--psychologic, neurologic, and behavioral aspects, and also brain pathology, (6) physical pathology--arrested development, motor disability, spasms, and electroencephalography, (7) dietary treatment--chemical components, synthetic foods, food stuffs and food supplements, and also menus, and (8) surveys and screening--procedure, projects, and incidence of phenylketonuria. An author index and 00listing of journal abbreviations are included. Foreign language articles are noted. This document is available from the Superintendent of Documents, U.S. Government Printing Office Washington, D.C. 20402, for $0.35. (SB)

ABSTRACT 10345

EC 01 0345 ED 019 794
Publ. Date 63
Keith, Haddow M.
Convulsive Disorders in Children with Reference to Treatment with Ketogenic Diet.
EDRS not available

Descriptors: exceptional child services; special health problems; electroencephalography; medical treatment; children; infants; epilepsy; seizures; heredity; genetics; infectious diseases: injuries; minimally brain injured; mental development; etiology; dietetics; medical case histories; Ketogenic Diet

Written for the medical profession, this book provides information on childhood convulsions (epilepsy) and methods of treatment. Various convulsive disorders, including hypsarhythmia, autonomic seizures, symptom complexes, febrile convulsions, and photogenic disorders, are discussed in terms of causes, symptoms, and treatment. Convulsions that are secondary to recognizable conditions (meningitis, poisonings, communicable diseases, among others) are also considered. Various factors influencing convulsions and syncope, breathholding, and hysteria in relation to convulsions are examined. The following treatments for convulsive disorders are described--electroencephalography, anticonvulsant medication, surgery, and special diets. The ketogenic diet developed by the Mayo Clinic is presented along with instructions for its use. Also discussed are the mental status of children with convulsions, activities of the epileptic child, and hereditary and genetic factors affecting childhood epilepsy. References follow each chapter. Case studies are included. This document was published by Little, Brown and Company, 34 Beacon Street, Boston, Massachusetts 02106, and is available for $13.00. (RS)

ABSTRACT 10381

EC 01 0381 ED 015 592
Publ. Date 64
Connor, Frances P.
Education of Homebound or Hospitalized Children. T C Series in Special Education.
Columbia Univ., New York, New York, Teachers Coll.
EDRS not available

Descriptors: exceptional child education; homebound; teaching methods; hospitalized children; homebound teachers; teaching guides; home instruction; adolescents; curriculum; diagnostic teaching; educational needs; homebound children; hospital schools; instructional programs; science education; self actualization; socialization; student characteristics; student participation; teaching procedures

Presenting a view of education for homebound and hospitalized children, this monograph shows its similarities and differences in respect to general education. Chapter 2 focuses on the teacher as a person, discussing philosophical, psychological, and sociological factors. Professional preparation and general educational preparation are also discussed. The educational setting is presented in chapter 3. The children, teacher assignment, and the instructional environment are covered. Program content, including curriculum organization and emphasis, is described in chapter 4. Chapter 5 discusses the physical, intellectual, and emotional problems of the homebound child. Pupil participation and use of available resources is emphasized in the next chapter. Chapter 7 highlights the development of self realization and socialization. The last chapter outlines issues and questions for further study. The appendixes present special teaching methods and materials used in hospital schools and techniques for teaching science to the homebound or hospitalized child. Approximately 140 references are cited. This document was published by the Bureau of Publications, Teachers College, Columbia University, New York, New York, and is available for $1.75. (RS)

ABSTRACT 10383

EC 01 0383 ED 015 593
Publ. Date 62
Rusalem, Herbert
Guiding the Physically Handicapped College Student. T C Series in Special Education.
Columbia Univ., New York, New York, Teachers College
EDRS not available

Descriptors: exceptional child education; curriculum; counseling; administration; educational needs; college admission; physically handicapped; college curriculum; counseling programs; admission criteria; blind; cocurricular activities; college students; community organizations; community resources; counseling services; curriculum problems; deaf; federal programs; guidance counseling; hard of hearing; national organizations; orthopedically handicapped; partially sighted; state programs; facilities

The ramifications of working with physically disabled college students (including physically handicapped, deaf, hard of hearing, blind, and partially sighted) is explored in this booklet and procedures are suggested to improve educational service for them. Chapter 1 discusses the increasing enrollment of physically handicapped students in colleges and universities. Philosophical concepts related to the admission of these students and related literature concerning physically handicapped students in colleges and universities are presented. Chapter 2 describes some of the facilities necessary for the physically handicapped student. Factors such as readers for the blind, elevators for the non-ambulatory student, and other related information are discussed. The next three chapters present the admission policies, curricular and extracurricular activities, and counseling programs needed for the physically handicapped college student. The last chapter provides the resources available for personnel serving the handicapped student--local, state, and national agencies, as well as professional organizations and journals. A 68-item bibliography is included. This document was published by the Bureau of Publications, Teachers College, Columbia University, New York, and is available for $2.75. (MU)

ABSTRACT 10389

EC 01 0389 ED 019 773
Publ. Date 65
Hirt, Michael L.
Psychological and Allergic Aspects of Asthma.
EDRS not available

Descriptors: exceptional child research; special health problems; asthma; allergy; psychological characteristics; medical research; theories; behavior theories; personality theories; historical reviews; psychosomatic diseases; physiology; physical health; social factors; social influences; research projects; psychiatrists; psychological needs; psychotherapy; medical treatment; conditioned response; operant conditioning

Focused historically and chosen to stimulate research in psychosocial implications of asthma, the collection contains 18 papers by different authors. Areas of psychosomatic medicine covered are (1) principles of research (one article), (2) historical developments, theoretical models, and core problems (three articles), and (3) the hypothesis, problem, and cross validation of specificity (three articles). Six papers on psychosomatic asthma treat the problems it presents, psyche and allergy, asthma and the psychiatrist, psychoanalytic principles, and psychological aspects (both personality and vocational characteristics). Experimental asthma is considered in four articles on asthma as a learned response and induced asthma in man as well as learned asthma and factors influencing the development of asthma in the guinea pig. One paper discusses treatment. Each article provides its own bibliography. This document is available from Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703, for $10.50. (JD)

ABSTRACT 10424

EC 01 0424 ED 015 610
Publ. Date 67
Hatton, Daniel A.
Understanding Cerebral Palsy, a Handbook for Parents.
Erie County Crippled Children's Society, Pa.
EDRS not available

Descriptors: exceptional child education; physically handicapped; family (sociological unit); parents; cerebral palsy; parent role; parent attitudes; children; discipline; intellectual development

Written by a psychologist, this manual provides basic information about the nature of cerebral palsy and discusses feelings and reactions of parents of cerebral palsied children. Information about the brain and brain damage in relation to motor and emotional function, perception, and intelligence is presented. Attention is given to problems arising in the family's acceptance of diagnosis and attendant feelings of guilt. There is also discussion of discipline, education, and the question of institutional care for the cerebral palsied child. An appendix defines related terms. This document was published by the Erie County Crippled Children's Society, 101 East Sixth Street, Erie, Pennsylvania 16501. (SB)

ABSTRACT 10455

EC 01 0455 ED 014 189
Publ. Date 63
Blakeslee, Berton, Ed.
The Limb-Deficient Child.
EDRS not available

Descriptors: exceptional child services; adjustment (to environment); physically handicapped; orthopedically handicapped; medical evaluation; physical therapy; amputees; prostheses; anomalies; children; cosmetic prostheses; etiology; medical services; parent counseling; physical activities; physical handicaps; training techniques; adjustment problems

Designed as a source of reference for teaching, this book presents techniques and procedures used in the Child Amputee Prosthetics Project (School of Medicine, University of California at Los Angeles). The first chapter discusses the role of the medical director overseeing initial interviews with children and their parents, medical examinations, and prosthetic fitting. Orthopedic considerations, presented in chapter 2, cover surgical and nonsurgical aspects of treatment. The psychosocial problems of adjustment to amputation and prosthesis are described in chapter 3. The next two chapters cover preprosthetic evaluations and therapy. Prosthesis design and fitting for children are presented in chapter 6, and training in the use of the prosthesis for both upper and lower extremity amputees is described in the last two chapters. Photographs, charts, and diagrams of specific limb deformities and prosthesis devices are included. Both congenital and traumatic amputations are discussed. Growth patterns of children are discussed in terms of both normal development and development of the child amputee. The appendix includes samples of evaluation charts used in the Child Amputee Prosthetics Project. This document is available from the University of California Press, Los Angeles and Berkley, for $8.50. (GB)

ABSTRACT 10565

EC 01 0565 ED 021 374
Publ. Date 67 115p.
Services for Children with Cerebral Palsy; A Guide for Public Health Personnel.
American Public Health Association, Inc., New York, New York, Program Area Committee On Child Health
Association For The Aid Of Crippled Children, New York, New York;
New York Fund For Children, New York
EDRS not available
N5503A64
American Public Health Association, Inc., 1740 Broadway, New York, New York 10019 ($3.00).

Descriptors: exceptional child services; physically handicapped; identification; program planning; incidence; clinical diagnosis; cerebral palsy; medical treatment; etiology; preventive medicine; medical evaluation; educational diagnosis; vocational education; community services; institutions; hospitals; homebound; medical services; clinics

Directed to persons in voluntary or official agencies and to planning groups whose decisions determine or affect the extent, coverage, content, and operation of community services to children who are handicapped by cerebral palsy, this guide has as its objectives to present background information on cerebral palsy as it affects the individual children, their families, and communities, to suggest policies, goals and methods of approach to the problem of cerebral palsy on both an individual and a community basis, and to outline practical ways of organizing services and community resources for the cerebral palsied. Basic concepts and facts about cerebral palsy, causes and preventions of the disease, casefinding, diagnosis, program planning, and methods of treatment and guidance are described. Special services and facilities at the community level and the organization of community resources are discussed. The need for program study and evaluation and the role of research are presented. The appendixes outline etiologic, medical, and educational classification of children with cerebral palsy, examine qualifications for professional personnel, and include an example of procedure in a diagnostic clinic session for children with cerebral palsy. (MC)

ABSTRACT 10588

EC 01 0588 ED 023 219
41p.
Alpha Chi Omega Toy Book.
Alpha Chi Omega Fraternity, Indianapolis, Indiana
EDRS mf,hc
Alpha Chi Omega National Headquarters, 3445 Washington Boulevard, Indianapolis, Indiana 46205.

Descriptors: exceptional child education; physically handicapped; self care skills; instructional materials; manipulative materials; cerebral palsy; children; toys; psychomotor skills; perceptual motor coordination; skill development; games; handicapped

Patterns and directions are given for making self-help toys for cerebral palsied and other handicapped children. The toys are designed to entertain and to develop muscle coordination and finger-elbow dexterity, teach self-help skills such as dressing, stimulate visual perception, encourage hand grasps and eye-hand coordination, motivate speech, and give dramatic play. Illustrations and directions are given for the construction of 38 toys; 10 additional toys and 11 kits for play activities are also suggested. (DF)

ABSTRACT 10602

EC 01 0602 ED N.A.
Publ. Date 67 272p.
Arthur, Julietta K.

Employment for the Handicapped; A Guide for the Disabled, Their Families, and Their Counselors.
EDRS not available
Abingdon Press, 201 Eighth Avenue South, Nashville, Tennessee 32702 ($5.95).

Descriptors: exceptional child services; physically handicapped; vocational rehabilitation; visually handicapped; orthopedically handicapped; federal aid; federal programs; employment; employment qualifications; employment potential; employment opportunities; government employees; job training; educational programs; college attendance; attitudes; homebound; self employment; directories

Written to serve as a resource for the disabled, their families, counselors, and employers, the book presents vocational information and advice. Topics considered are the nature of disability and its implications, sources of help, preparing to work, the pros and cons of college, meeting the employer halfway, whether or not to tell about one's disability when seeking employment, job training and job opportunities, opportunities in government service, a business of one's own, and on the job at home. A concluding section indicates where to get more information, and gives the names and addresses of organizations, agencies, periodicals, and other publications. (JD)

ABSTRACT 10673

EC 01 0673 ED N.A.
Publ. Date 65 72p.
Rusalem, Herbert, Ed.
Proceedings of the Institutes on Hemophilia (New York, October 22-23, 1965; New Orleans, June 10-11, 1965).
National Hemophilia Foundation, New York, New York;
Columbia University, New York, New York, Teachers College;
Tulane University, New Orleans, Louisiana, School Of Medicine
Children's Bureau (DHEW), Washington, D. C.
EDRS not available

Descriptors: exceptional child education; special health problems; research needs; educational needs; genetics; heredity; vocational rehabilitation; research projects; adjustment (to environment); attitudes; family (sociological unit); parent role; medical treatment; mental health; psychological needs; psychological characteristics; injuries; Hemophilia

Improved medical and social procedures are reducing the disabling effects of hemophilia. However, the need felt for greatly increased multidisciplinary research, demonstration projects, and better coordinated referral services among participating professions is confirmed in 12 papers covering current concepts and aspects of hemophilia: social, parental, orthopedic, genetic, nursing, dental, psychiatric, educational, and vocational. Research on hemophilia is cited in texts and bibliographies. Findings to date indicate excessive school and work absences, lower academic and vocational achievement relative to expectancy level, job discrimination, and lower income level for hemophiliacs. Overprotection and sheltering may account for these characteristics and might be greatly reduced by early identification and attention to educational, social, and psychological as well as medical problems accompanying hemophilia. The continuing need for some special services to hemophiliacs, ranging from donors to visiting teachers and nurses, should be better publicized and coordinated. Community education and parent, vocational, and marriage counseling should be directed toward building a concept of the hemophiliac as a potentially normal society member. A 22-item bibliography on psychiatric aspects is included. (CF)

ABSTRACT 10696

EC 01 0696 ED N.A.
Publ. Date 66 174p.
Barrow, Roscoe L.; Fabing, Howard D.
Epilepsy and the Law; A Report on Legal Reform in the Light of Medical Progress.
EDRS not available
Hoeber Medical Division, Harper And Row Publishers, 49 East 33 Street, New York, New York 10016.

Descriptors: exceptional child education; special health problems; legislation; epilepsy; laws; civil rights; family (sociological unit); parent reaction; parent attitudes; state laws; marriage; employment; employment practices

Change in laws relating to epilepsy which have occurred from 1956 to 1966 are reported and compared. Areas considered include the nature of epilepsy and the effect of epilepsy upon the family. Areas of civil and criminal responsibility include law reform, and specific legal aspects of and changes in eugenic marriage laws, eugenic sterilization laws, driver's license laws, employment, and miscellaneous laws including immigration, insurance, institutionalization, education, civil liability, and criminal responsibility. Six appendixes include the Wisconsin and Ohio driver's license laws, recommended procedural and regulatory provisions for driver's licenses, a recommended medical form for driver's license applicants, the Ohio Statute on Encouragement of Employment of the Handicapped, and findings and recommendations of the original report. (DP)

ABSTRACT 10797

EC 01 0797 ED 025 074
Publ. Date 01 Oct 68 277p.
Burton, Lindy
Vulnerable Children; Three Studies of Children in Conflict: Accident Involved Children, Sexually Assaulted Children and Children with Asthma.
EDRS not available
Schocken Books Inc., 67 Park Avenue, New York, New York 10016 ($6.50).

Descriptors: exceptional child research; emotionally disturbed; personality; behavior; environmental influences; personality tests; parent child relationship; traffic accidents; personality studies; personality problems; projective tests; socially deviant behavior; psychological needs; need gratification; self esteem; affection; crime; asthma; disadvantaged youth; family environment; delinquents

Three retrospective studies relate children's socially inappropriate behavior to needs for approval and self assurance. Four girls and 16 boys (a sex difference of p equals .006) involved in road accidents, aged from 5 to 15, who were consecutively admitted to a hospital for arm and leg fractures were matched with controls. The accident children shared a history of environmental stress and frustration, were more assertive and unsettled, and showed constitutional hyperactivity and lowered tolerance for stress. A study of sexual assault reported to the police involved 41 school-age victims, who were found to have significantly (p equals .05 less than .02) greater affection seeking behavior than the controls (four for each subject). It was concluded that this need set the stage for sexual acting out and, if the need were met legitimately, it would be outgrown and the assault would not affect subsequent personality development. A study of 25 consecutive child referrals to a desensitizing clinic and inpatient wards found these asthmatic children to be more unsettled than their matched controls (p equals .005), experienced more deviant maternal attitude (mothers more assertive, p equals .001), and viewed the environment as more threatening (p equals .005). Results thus suggested that the asthma attack was a protest against an overdominant environment. (MM)

ABSTRACT 10874

EC 01 0874 ED 013 505
Publ. Date 65
Cruickshank, William M.
Perception and Cerebral Palsy, Studies in Figure-Background Relationship. Syracuse University Special Education and Rehabilitation Monograph 2.
EDRS not available
Syracuse University Press, Box 87, University Station, Syracuse, New York 13210 ($6.00).

Descriptors: exceptional child research; physically handicapped; tests; perception; cerebral palsy; perception tests; children; visual perception; adolescents; tactual perception; neurologically handicapped; perceptually handicapped; test results; Syracuse Visual Figure Background Test; Binet Vocabulary Test; Tactual Motor Test; Marble Board Test; Fly Test; SVFB; Terman Merrill Intelligence Scale

A study of perception used a sample of 325 cerebral palsied children (211 were spastic, 114 were athetoid) and 110 normal children. All children were between 6 and 16 years of age and of normal intelligence. To investigate perceptual disturbances, six tests were administered--the Tactual Motor Test, the Syracuse Visual Figure Background

Test (SVFB), the Marble Board Test, a maze test, and two disc tests designed to measure tactual perception of geometric shapes. The Binet Vocabulary Test was used as a screening test and to establish rapport. Data were analyzed by comparing the three groups of subjects on each measure and determining relationships to chronological age and sex. Interrelationships among the perceptual measures were computed. Cerebral palsied subjects performed more poorly on the SVFB, the Marble Board, the Tactual Motor, and maze tests than did the normal subjects. Disc tests were easily performed by all subjects. Spastic subjects performed more poorly than athetoid subjects on the Marble Board and the SVFB Tests. All tests showed developmental trends and the effect of age was most pronounced for the Tactual Motor, Marble Board, and maze tests, and lower for the SVFB test. Generally, relationships between tests were low (except for Marble Board and Tactual Motor tests for the spastic group). In an additional study, the Lerman-Merrill Intelligence Scale Vocabulary Test, the Fly Test, the SVFB Test, a test of color vision, and an experimental figure-background test were administered to 401 spastic subjects aged 6 to 16 years. The spastic child's perception of figure increased with length of his observation time; more figure was perceived in color materials; perception was slightly better for three dimensional than for two dimensional materials; and more figure was perceived when a large figure on a large background was presented than with other combinations. A 96-item bibliography is included. (MY)

ABSTRACT 10990

EC 01 0990 ED N.A.
Publ. Date 67 278p.
Wilson, Dorothy Clarke
Handicap Race; The Inspiring Story of Roger Arnett.
EDRS not available
McGraw-Hill Book Company, 330 West 42nd Street, New York, New York 10036 ($5.95).

Descriptors: exceptional child education; physically handicapped; achievement; family (sociological unit); academic achievement; productive living; amputees; orthopedically handicapped; rehabilitation; farmers; clergymen; senior citizens; family involvement; family relationship; adopted children; nursing homes; national organizations; employment; biographies; employer attitudes

Roger Arnett was a college student and record-breaking track runner in 1931 when an automobile accident paralyzed the lower part of his body. His biography describes how, with the help of family and friends and great determination, he overcame his despair and learned to live a full life from his wheelchair. His life with his wife, a childhood polio victim, and their three adopted children is presented; his accomplishments are described including completing college, working at various jobs, growing and developing several new prize winning strains of gladioli, and becoming a minister to the physically disabled whom he visited in hospitals and nursing homes. Physical troubles such as many infections and ailments resulting from his paralysis, causing a leg amputation, and seriously threatening his health and life are discussed. His national achievements include getting Congress to establish a National Employ the Handicapped Week and actively promoting the American Federation of the Physically Handicapped. (LE)

ABSTRACT 10998

ED 01 0998 ED N.A.
Publ. Date Apr 68 29p.
Ogg, Elizabeth
New Hope for Dystrophics. Public Affairs Pamphlet 271S.
Public Affairs Committee, New York, New York
EDRS not available
Public Affairs Pamphlets, 381 Park Avenue South, New York, New York 10016 ($0.25).

Descriptors: exceptional child research; special health problems; identification; etiology; diseases; disease rate; heredity; research projects; research utilization; dietetics; clinical diagnosis; genetics; services; medical research; medical evaluation; physical therapy; Muscular Dystrophy

A pamphlet discusses muscular dystrophy and research on it. New hope is mentioned from research done in the Metabolism Unit in the Institute for Muscle Disease in New York City. A description of types of muscular dystrophy (MD) includes PMD (pseudohypertrophic muscular dystrophy), facio-scapulo-humeral MD, and limb-girdle MD. Mobilization against MD by the Muscular Dystrophy Associations of America (MDAA) includes both basic and applied research and mention of special animals. The cause of MD is traced to a probable metabolic deficit and the role of enzymes, and enzymes and genes are discussed. Practical gains from research include early differential diagnosis and identification of the carrier. New developments described include the possibility of repairing a defective inheritance, utilizing new cell study techniques, turning genes on and off, and stimulating natural regeneration of muscle. Finally, the services of MDAA are described and the role of physical therapy is delineated. A selection of public affairs pamphlets as well as members of the Public Affairs Committee are listed. (SN)

ABSTRACT 11350

EC 01 1350 ED N.A.
Publ. Date 68 8p.
Epilepsy and the School Child.
Epilepsy Society Of Massachusetts, Boston
EDRS not available
Epilepsy Society Of Massachusetts, Room 204, 73 Tremont Street, Boston, Massachusetts 02108 ($0.10).

Descriptors: exceptional child education; special health problems; epilepsy

Intended for the classroom teacher as well as others involved with the epileptic child, the booklet considers the incidence of epilepsy, types of epileptic seizures, causes of epilepsy, and what to do during a seizure. Also discussed are the precautions necessary for epileptic students, the effect of seizures on other pupils, types of educational handicaps accompanying epilepsy, medical treatment, and inservice teacher education concerning epilepsy. Six films on epilepsy are listed. (JD)

ABSTRACT 11353

EC 01 1353 ED N.A.
Publ. Date 65 202p.
Daley, William T., Ed.
Speech and Language Therapy with the Cerebral Palsied Child.
The Catholic University Of America, Washington, D. C.
EDRS not available
The Catholic University Of America Press, Washington, D. C. 20017 ($2.95).
Proceedings Of The Workshop On Speech And Language Therapy With The Cerebral Palsied Child, Conducted At The Catholic University Of America, Under The Auspices Of The Director Of Workshops, June 11 To June 22, 1964.

Descriptors: exceptional child education; physically handicapped; speech handicapped; speech therapy; identification; cerebral palsy; clinical diagnosis; etiology; language handicapped; speech habits; neurologically handicapped; learning characteristics; rehabilitation

To enable the practicing speech and hearing clinician to learn procedures of diagnosis and therapy to be used with the cerebral palsied child, the conference treats the following topics: neurological concepts pertaining to the cerebral palsied child, language disorders in children as a component of the spectrum of cerebral dysfunction, and psychological problems contributing to learning disorders in cerebral palsied children. Also considered are differential diagnosis in speech and hearing with the cerebral palsied child, research in speech problems associated with cerebral palsy and implications for the young cerebral palsied child, speech and language educational needs and procedures used with the cerebral palsied child, and speech and language therapy for the cerebral palsied child, reflex therapy and cerebral palsy habilitation. (RS)

ABSTRACT 11379

EC 01 1379 ED N.A.
Publ. Date 68 167p.
Holt, K. S., Ed.; Coffey, V. P., Ed.
Some Recent Advances in Inborn Errors of Metabolism. Proceedings of the Fourth Symposium of the Society for the Study of Inborn Errors of Metabolism (Dublin, July 1966).
EDRS not available
Williams And Wilkins Company, Baltimore, Maryland 21202 ($4.75).

Descriptors: exceptional child services; medical research; medical evaluation; clinical diagnosis; medical treatment;

biochemistry; electroencephalography; heredity; dietetics; anomalies; mentally handicapped; Phenylketonuria; Galactosemia

Eleven articles are presented concerning inborn errors of metabolism. The role of pteridines in metabolic disorders, maternal phenylketonuria and brain damage in the fetus, early detection and prevention of metabolic errors, EEG findings in patients with phenylketonuria and other disorders, and inborn errors affecting cerebral electrogenesis are discussed. Also considered are disaccharide and monosaccharide intolerances, galactokinase deficiency, histochemistry of the intrinsic nerves of the rectum and colon, and biochemical and clinical aspects of gargoylism. A list of exhibits on muscular dystrophy and aminoaciduria is included. (LE)

ABSTRACT 11385

EC 01 1385 ED N.A.
Publ. Date 66 33p.
Helsel, Elsie D., Ed.; Graham, Earl C., Ed.
Tomorrow is Today; Planning Ahead for Long Term Care, Legally--Financially.
United Cerebral Palsy Associations, Inc., New York, New York
EDRS not available
United Cerebral Palsy Associations, Inc., 321 West 44th Street, New York, New York 10036 ($0.10).

Descriptors: exceptional child services; physically handicapped; neurologically handicapped; cerebral palsy; family problems; financial support; residential care; social welfare; insurance programs; personal care homes; health insurance

Intended for parents planning for the needs of children with cerebral palsy, the pamphlet discusses starting to plan for the future, including evaluation, information sources, and follow through and followup. Also considered are where to live and what to do and how to pay for care (the following are mentioned: Social Security, disability benefits, aid to the permanently and totally disabled, veterans' benefits, insurance, and trusts). Means of providing protective supervision are reviewed as are the need for and function of a protective service and the importance of the parents' legal wills. Appended are a list of 42 references and definitions of 33 terms. (LE)

ABSTRACT 11487

EC 01 1487 ED N.A.
Publ. Date 55 677p.
Frampton, Merle E.; Gall, Elena D.
Special Education, Volume II, The Physically Handicapped and Special Health Problems.
EDRS not available
F. Porter Sargent, Publishers, 11 Beacon Street, Boston, Massachusetts 02108 ($5.50).

Descriptors: exceptional child education; physically handicapped; special health problems; visually handicapped; aurally handicapped; blind; deaf; hard of hearing; speech handicapped; orthopedically handicapped; cardiac (person); homebound; hospitalized children; agencies; partially sighted; multiply handicapped; educational programs; clinical diagnosis; rehabilitation; special services; parent child relationship; occupational therapy; aphasia; leprosy; muscular dystrophy; tuberculosis; Hansens Disease

Current thinking and methods in special education as they relate to the physically handicapped and individuals with health problems are presented. The physically handicapped considered include the blind, the partially sighted, the deaf, the hard of hearing, the speech defective, the orthopedically handicapped, and the cardiopathic; special health problems examined include multiple handicaps, Hansen's Disease (leprosy), muscular dystrophy, tuberculosis, and those of the homebound and hospitalized. Various facets of the problems, the nature of the disorders themselves, and characteristics of the handicapped child, are described. Psychological, emotional, and social implications are discussed, as are methods of therapy, rehabilitation techniques, educational programs, teaching methods, vocational training and guidance, roles in employment, and current issues. Listings of relevant agencies, periodicals, and bibliographies are provided. (SN)

ABSTRACT 11537

EC 01 1537 ED 029 439
Publ. Date Jul 67 43p.
Making Facilities Accessible to the Physically Handicapped.
New York State University Construction Fund, Albany
Vocational Rehabilitation Administration (DHEW), Washington, D. C.
EDRS mf,hc
State University Construction Fund, 194 Washington Avenue, Albany, New York 12210.

Descriptors: exceptional child education; handicapped children; design needs; campus planning; college buildings; educational facilities; facility guidelines; dormitories; sanitary facilities; building design; physically handicapped; visually handicapped; aurally handicapped; parking facilities; fire protection; State University of New York

Guidelines on performance criteria for the State University of New York consider two main types of handicapped: the ambulant and semi-ambulant, including some physically handicapped, the visually and aurally handicapped, and persons with cardiac conditions; and persons confined to wheel chairs. The handicapped and planning for them are discussed. Specifications are detailed for the following aspects of exterior design: entrances, ramps, stairs, doors, walks, intersections, gratings and manholes, parking, and bus service. Interior design criteria cited are for general university facilities, restrooms, bedrooms, stairs, elevators, doors, conveniences, and fire protection. Persons involved in or contributing to the study are named, and 19 references are listed. (JD)

ABSTRACT 11957

EC 01 1957 ED N.A.
Publ. Date 53 40p.
Dodds, Maryelle
Have Fun—Get Well!
American Heart Association, New York, New York
EDRS not available
American Heart Association, 44 East 23rd Street, New York, New York 10010.

Descriptors: exceptional child services; special health problems; adolescents; homebound children; handicrafts; sewing instruction; art activities; games; music; hobbies; puzzles; toys

Addressed to teenagers and parents of younger children facing a long convalescence in bed from rheumatic fever or rheumatic heart disease, the pamphlet suggests activities, projects, and hobbies. Teenage activities include the following: crafts; needle and shuttle work; pencil, paper, and paint; plants and pets; games and puzzles; reading, writing, and miscellaneous fun. Activities for younger children are quiet activities, things to make from paper and odds and ends, and other things to do. Instructions are not provided, but rather instruction books are listed for each activity. Bibliographies cite 55 craft publications for teenagers and 22 for younger children along with three publications on rheumatic fever for parents. (LE)

ABSTRACT 11980

EC 01 1980 ED 031 013
Publ. Date 68 293p.
Harms, Ernest, Ed.
Pathogenesis of Nervous and Mental Diseases in Children.
EDRS not available
Libra Publishers, Inc., 1133 Broadway, New York, New York 10010 ($8.50).

Descriptors: exceptional child research; etiology; emotionally disturbed; clinical diagnosis; psychopathology, diseases; mental illness; emotional adjustment; physically handicapped; neurologically handicapped; epilepsy; mentally handicapped; taxonomy; biochemistry; heredity; physical characteristics; personality development; incidence; social factors; environmental influences; self concept; reinforcement; psychotherapy

Major pathogenic sources of mental diseases in children and a classification of these diseases are considered. Contributions include the following: pathogenesis of mental diseases in childhood by Ernest Harms, organ inferiority and psychiatric disorders by Bernard Shulman and Howard Klapman, pathogenesis of neurological disorders by George Gold, mental disorders due to endocrine dysfunctions by M. Sydney Margolese, constitution and pathogenesis of personality and behavior by Ashton M. Tenney and Nathan S. Kline, Kretchmer's constitutional typology and the psychopathology of adolescents, by R. Lempp-Tuebingen, the sociopathology of childhood by E.

Scott, and behavior genesis of mental diseases by Richard Korn. (RJ)

ABSTRACT 11990

EC 01 1990 ED 031 022
Publ. Date 68 53p.
Yukor, Harold E. And Others
The Modification of Educational Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons; Design of a School for Physically Disabled Students.
Human Resources Center, Albertson, New York
Office Of Education (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; design needs; building design; architectural programing; architectural elements; doors; corridors; flooring; lighting; classroom design; chalkboards; equipment storage; science laboratories; library facilities; dining facilities; recreational facilities; swimming pools; sanitary facilities; parking areas

Elements of modified school design for the physically disabled are considered, including mobility, classrooms, science laboratories, applied skill areas, the library, the swimming pool, and sanitary facilities. Also discussed are the cafeteria (food service, seating, and other considerations), recreational areas (play grounds, gymnasium-auditorium, and auditorium), closets and storage areas (clothing storage, lockers, and supplies and equipment storage), and parking areas (parking lots and loading areas). (JD)

ABSTRACT 20170

EC 02 0170 ED 031 838
Publ. Date 69 71p.
The IHF Plan; The Individual with Cerebral Palsy and His Family.
United Cerebral Palsy Association, Inc., New York, New York
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; program planning; cerebral palsy; prevention; demonstration programs; program costs; committees; learning disabilities; followup studies; architecture; transportation; rural areas; professional training; agency role; legislation; professional education; public relations; research needs; cooperative programs

Background information, principles of service, and priorities for action preface a five year plan of operation to provide services for the cerebral palsied. Rationales, objective methods, timetables, financing, and programs are discussed for the following priorities: prevention and early care; comprehensive services for teenagers and adults; children with learning disabilities; information, referral, and followup services; architecture and technological aids; transportation; and service in rural and less populated areas; priorities of implementation which includes consultation and evaluation, influencing legislation, professional education, public information, demonstration projects, action research, and cooperative programing. A financing summary and a policy statement are presented. (RJ)

ABSTRACT 20180

EC 02 0180 ED 031 848
Publ. Date 69 86p.
Nemarich, Samuel P.; Velleman, Ruth A.
The Modification of Educational Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons; Curriculum and Instructional Techniques for Physically Disabled Students. Human Resources Study Number 12.
Human Resources Center, Albertson, New York
Office Of Education (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; curriculum; teaching methods; flexible scheduling; grouping (instructional purposes); reading; preschool education; art; music; physical education; mathematics; sciences; language arts; social studies; business education; photography; theater arts; library instruction; home economics; health education; guidance; driver education

Designed to suggest solutions to problems of curricula and instructional techniques for physically disabled children, the text considers the nature of the child and discusses these aspects of curriculum and methods: definitions and objectives; teachers and administrators; time requirements and enrichment; grouping; reading instruction; testing, homework, and teacher's aides; automation; and classroom procedures. The following are also discussed: preschool education; language arts, art, music, physical education, math, and science in kindergarten; primary grades; langage arts, math, social studies, and science in upper elementary grades; English, social studies, math, science, business education, and art, photography, puppetry, music, library, physical education, health, home economics, and guidance in secondary education; and extra-curricular activities including field trips and driver education. A summary and implications for future curricular changes are presented. (RJ)

ABSTRACT 20241

EC 02 0241 ED N.A.
Publ. Date 60 497p.
Taylor, Wallace W.; Taylor, Isabelle Wagner
Special Education of Physically Handicapped Children in Western Europe.
EDRS not available
International Society For The Welfare Of Cripples, 701 First Avenue, New York, New York 10017.

Descriptors: exceptional child education; physically handicapped; visually handicapped; aurally handicapped; national programs; foreign countries; national surveys; special services; program administration; vocational education; teacher education; administrative organization; incidence; educational programs; Western Europe

Discussions in the text include the following: a general survey on the organization and administration of educational services; education of the blind, the deaf, and the orthopedically handicapped; vocational training of the physically handicapped; education of special teachers; and the national programs of 21 countries. Information provided on each country surveys its history of educating physically handicapped children, definitions of disabilities, incidence and prevalence of disabilities, services for physically handicapped children, teachers of physically handicapped children, and the organization and administration of services. References follow each chapter. (LE)

ABSTRACT 20322

EC 02 0322 ED N.A.
Publ. Date 67 118p.
Services for Children with Heart Disease and Rheumatic Fever; A Guide for Public Health Personnel.
American Public Health Association, New York, New York, Committee On Child Health;
American Heart Association, New York, New York
EDRS not available
American Public Health Association, 1740 Broadway, New York, New York 10019.

Descriptors: exceptional child services; special health problems; cardiac (person); identification; community programs; preventive medicine; public health; community resources; special services; program evaluation; medical treatment; family counseling; family health; program planning; etiology

A general philosophy of services for children with special problems is discussed, and principles and practices on which community programs may be based are outlined. Discussed are facts about heart disease in childhood, the causes and prevention of handicapping heart conditions, case findings, diagnosis and planning for care, aspects of treatment and rehabilitation, special services and facilities available, organization of community resources, research in the field, and program evaluation. Appendixes include suggested drug schedules for streptococcal infections, forms of organic heart disease in children, Jones' criteria for diagnosing rheumatic fever, classification and reporting of cardiac conditions in children, and a list of 38 national, state and local agencies interested in community heart services for children. (LE)

ABSTRACT 20376

EC 02 0376 ED N.A.
Publ. Date 67 30p.
Yuker, Harold E. And Others
The Modification of Educational

Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons; The Transportation of Physically Disabled Students.
Human Resources Center, Albertson, New York
Office Of Education (DHEW), Washington, D.C.
EDRS not available
Human Resources Center, I. U., Willis Road, Albertson, New York 11507.

Descriptors: exceptional child education; physically handicapped; student transportation; motor vehicles; bus transportation; traffic safety; school buses; financial support; orthopedically handicapped; school personnel

The problems and proposed solutions for transporting disabled children to school are described with discussions of the efficiency and practicability of various vehicles; standard school buses, adapted buses, vans and compact buses, taxis, standard automobiles and station wagons, and the relative costs of each. Driver qualifications and selection, duties and responsibilities, and volunteer drivers are discussed, along with travel time, administration, and financing aspects. (LE)

ABSTRACT 20430

EC 02 0430 ED N.A.
Publ. Date 67 56p.
Yuker, Harold E. And Others
The Modification of Educational Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons; Staffing a School for Physically Disabled Students.
Human Resources Center, Albertson, New York
Office Of Education (DHEW), Washington, D. C.
EDRS not available
OEG-2644
Human Resources Center, Albertson, New York 11507.

Descriptors: exceptional child education; physically handicapped; personnel needs; administrative personnel; instructional staff; professional training; staff role; inservice teacher education; physical therapists; occupational therapists; speech therapists; school psychologists; financial support; interdisciplinary approach; physicians; counselors; parent participation; health personnel

Discussed are the staff needs, functions, and training for special teachers and administrators, medical personnel, therapists, reading and recreation specialists, psychological and counseling personnel and non-teaching aids in a school for physically disabled children. Financing and the team approach in the school (staff coordination, the role of parents on the team, and the role of disabled staff) are areas included as are a summary and 127 references. (LE)

ABSTRACT 20432

EC 02 0432 ED N.A.
Publ. Date 69 76p.
The Vocational Rehabilitation Problems of the Patient with Aphasia Workshop (Kalamazoo, Michigan, May 15-16, 1967).
Western Michigan University, Kalamazoo, Department Of Speech Pathology And Audiology
Social And Rehabilitation Service (DHEW), Washington, D. C.
EDRS not available
U. S. Depatrmen. Of Health, Education, And Welfare, Social And Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C. 20201.

Descriptors. exceptional child services; language handicapped; aphasia; vocational rehabilitation; speech therapists; agency role; vocational counseling; counselor role; emotional problems; perceptually handicapped; social adjustment; neurological defects; receptive language; expressive language

The vocational rehabilitation problems of patients with aphasia are discussed with a view toward stimulating state vocational rehabilitation agencies to train special counselors to work with these patients. The report delineates the relationship of roles between speech pathologists, vocational rehabilitation counselors, and state and federal vocational rehabilitation agencies in dealing with vocational rehabilitation problems. Associated psychological, social, physical, and receptive and expressive language problems encountered in the rehabilitation of the aphasic are noted and a bibliography on vocational rehabilitation problems is presented. (KN)

ABSTRACT 20475

EC 02 0475 ED N.A.
Publ. Date 66 71p.
Lindsay, Zaidee
Art for Spastics.
EDRS not available
Taplinger Publishing Company, 29 East 10th Street, New York, New York 10003 ($4.95).

Descriptors: exceptional child education; physically handicapped; cerebral palsy; art; art activities; art expression; handicrafts; art materials; teaching methods; motor reactions; psychomotor skills

Plans for art projects which incorporate the careful selection of materials and the use of unorthodox tools are discussed. Each activity is designed to help improve muscular coordination and to provide creative outlets for the hemiplegic spastic child. Chapters give methods and helpful hints in developing projects in cutting into materials, drawing and painting pictures, modeling, space filling with various materials, space filling by printing, and fabric decorating. There are 42 photographs of art work by spastics. (WW)

ABSTRACT 20479

EC 02 0479 ED N.A.
Publ. Date 67 32p.
Around the Clock Aids for the Child with Muscular Dystrophy.
Muscular Dystrophy Associations Of America, Inc., New York, New York
EDRS not available
Muscular Dystrophy Associations Of America, Inc., 1790 Broadway, New York, New York 10019.

Descriptors: exceptional child services; physically handicapped; self care skills; child care; object manipulation; individual needs; emotional adjustment; parent role; Muscular Dystrophy

The illustrated handbook for parents describes procedures and simple devices for child or parent to use in meeting the child's daily self care needs. Procedures to help the child with muscular dystrophy throughout the day include awakening, sitting up, getting out of bed by use of board, transfer to wheel chair with help or with the mechanical lift; to the bathroom, bathroom seating, washing and grooming, brushing teeth and combing hair; putting on trousers, putting on shirt; sitting at table, using pillows, slings, eating; the emotional picture, recreation, picking up objects, travel, curbs and cars; getting ready for bed, removing shirt, removing trousers, into the bath, getting into bed; and changing positions with help, sleep care and aids for sleep comfort. (LE)

ABSTRACT 20503

EC 02 0503 ED N.A.
Publ. Date Aug 69 21p.
Carson, Ruth
Asthma--How to Live with It.
Public Affairs Committee, Inc., New York, New York
EDRS not available
NPAP-437
Public Affairs Committee, 318 Park Avenue South, New York, New York 10016 ($0.25).

Descriptors: exceptional child services; asthma; allergy; special health problems; emotional development; parent role; medical evaluation; medical treatment; incidence; psychosomatic diseases; psychophysiology

The booklet summarizes currect knowledge about asthma and offers some guidance on the treatment and prevention of attacks. Also included are suggestions for positive action for parents of asthmatic children. Discussions deal with the nature of asthma, causes, detection of the cause, methods of treatment, psychological aspects in coping with the disease, the parental role, prevention, and a brief summary of results in research. (KN)

ABSTRACT 20683

EC 02 0683 ED N.A.
Publ. Date (69) 60p.
Lauder, Ruth
The Goal Is: Mobility! Background Information on Environmental Barriers and Transportation.
Social And Rehabilitation Service (DHEW), Washington, D. C.
EDRS not available
U. S. Department Of Health, Education, And Welfare, Social And Rehabilitation Service, Washington, D. C. 20201.

Descriptors: exceptional child research; physically handicapped; physical facilities; design needs; legislation; physical

environment; human engineering; transportation; conference reports; recreational facilities; cooperative programs

The report on persons with physical disabilities considers housing; streets, buildings and other public places; transportation, both urban and intercity; recreation, indoor and outdoor; recommendations that should be made concerning legal questions and educational needs; and the process of reporting and publicizing the conference and its aims. Selected references are included, most with brief annotations. (LE)

ABSTRACT 20684

EC 02 0684 ED N.A.
Publ. Date 67 239p.
Anderson, John A., Ed.; Swaiman, Kenneth F., Ed.
Phenylketonuria and Allied Metabolic Diseases Conference (Washington, D.C., April 6-8 1966).
Minnesota University, Minneapolis, Department Of Pediatrics
Social And Rehabilitation Service (DHEW), Washington, D. C., Children's Bureau
EDRS not available
Superintendent Of Documents, U. S. Government Printing Office, Washington, D. C. 20402 ($1.50).

Descriptors: exceptional child research; mentally handicapped; metabolism; screening tests; identification; medical evaluation; medical treatment; medical case histories; infants; biochemistry; chromatography; government role; etiology; medical research; dietetics; Phenylketonuria

Papers are concerned with the primary enzymatic defect in Phenylketonuria (PKU) and how it may influence the central nervous system, amine metabolism in PKU, induced PKU in experimental animals (opportunities and limitations), the overall view of biochemical knowledge of PKU, screening tests for the detection of PKU (homozygotes and heterozygotes) large scale screening for metabolic disease in the newborn in Great Britain, suitable and preferred methods of chromatography for the study of urine and blood in inborn errors of metabolism, and protein, phenylalanine, and tyrosine requirements of the premature and newborn infant. Also discussed are the methods and problems of administration of the low phenylalanine diet (guides to biochemical and dietary control), a critical assessment of the dietary treatment of PKU experiences with 45 cases, observations of PKU, a PKU psychological and development evaluation, a case finding of PKU as a public health approach, and public health laboratory screening programs. Also included are the following topics: organization of community services, the role of government and legislation in management of problems in medicine, the implications of the drive for screening, membrane transport functions and their relation to PKU, inhibition of phenylalanine hydroxylase in liver, unanswered questions in the primary metabolic block in PKU, neuropathology and abnormalities of lipid metabolism, and amino acid and protein metabolism in the developing brain. (LE)

ABSTRACT 20803

EC 02 0803 ED N.A.
Publ. Date 64 50p.
Helsel, Elsie D. And Others
Opening New Doors to the Cerebral Palsied Through Day Care and Development Centers.
United Cerebral Palsy Associations, Inc., New York, New York
EDRS mf,hc
United Cerebral Palsy Associations, Inc., 321 West 44th Street, New York, New York 10036.

Descriptors: exceptional child services; day care services; cerebral palsy; neurologically handicapped; physically handicapped; physical facilities; financial support; admission criteria; clinical diagnosis; recordkeeping; transportation; psychological evaluation; instructional materials; communication skills; perceptual motor learning; self concept; scheduling; mentally handicapped; adult education; professional personnel; parent counseling

Designed for United Cerebral Palsy Association affiliates who are operating or planning to operate day care or development centers for severely and multiply disabled individuals, this pamphlet considers several aspects of such a program. Administrative considerations focus on sponsorship, operating policies, licensing standards for space and equipment, physical facilities, finances, fees, admissions, discharges, records, transportation, health, and program evaluation. Suggestions for evaluation of participants includes gathering social and developmental history, and medical and psychological evaluations. Programing for both day care and developmental classes is explained and covers the kinds of individuals served, the needs of the individuals, goals (including skills to be taught), and activities. In addition information is provided on methods, scheduling, expectations, and pitfalls. Special considerations are given for adult programs, staffing, and services to parents (feelings and attitudes, participation, future planning). includes summaries of findings at functioning centers, plant and equipment standards, physical facilities, food care, and a 36-item bibliography. (RJ)

ABSTRACT 20829

EC 02 0829 ED 032 696
Publ. Date 69 67p.
Gordon, Ronnie
The Design of a Pre-School Learning Laboratory in a Rehabilitation Center.
Institute Of Rehabilitation Medicine, New York University, New York, Medical Center
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; classroom design; instructional materials; classroom furniture; offices (facilities); facility requirements; physical design needs; furniture design; special health problems; physical facilities; space utilization; preschool children; design needs; educational facilities

A developmental setting for multi-handicapped preschool children and the physical layout of the classroom are described. Photographs and drawings of specially designed educational equipment, such as a shallow sand and water table adapted for wheelchair-bound children and an adjustable easel that allows armless children to paint with their feet, show the use of the materials and their design construction. Commentary is included which describes the function and purpose of each learning material along with the history of the school, its medical setting, and the educational philosophy of the program. (WW)

ABSTRACT 20830

EC 02 0830 ED 032 697
Publ. Date 67 207p.
Goldsmith, Selwyn
Designing for the Disabled.
Royal Institute Of British Architects, London
EDRS not available
RIBA, 66 Portland Place, London W1, England.

Descriptors: exceptional child services; physically handicapped; building design; architectural programing; facility requirements; design needs; space utilization; physical facilities; facility guidelines; doors; heating; sanitary facilities; lighting; communications; flooring; physical design needs; psychological design needs

Implications of the merits of normality and independence for the disabled, and their relevance to architectural design criteria are discussed. The introduction reflects the philosophical approach to the design and construction of public buildings and housing. Nine principle sections provide data and recommendations on the following topics: anthropometric considerations of disabled people; building elements and finishes (staircases, handrails, windows, doors, floor finishes); service installations (refuse disposals, heating, electrical services, communications, mechanical installations); general spaces (entrances, kitchens, living and dining rooms, bedrooms, sanitary accommodations, laundry, garages); public buildings (office buildings, transport, health, recreation, auditoriums, schools, hotels); and domestic housing (planning of dwellings, check list of recommendations). An appendix lists cost implications, definitions of terms, selected references, bibliographical references, and organizations associated with the welfare of the disabled. Illustrations with dimensions given in feet and metric equivalents are provided. (WW)

ABSTRACT 20874

EC 02 0874 ED 028 570
Publ. Date 69 65p.
Sunderlin, Sylvia, Ed.; Wills, Brooke, Ed.
Nutrition and Intellectual Growth in Children.
Association For Childhood Education International, Washington, D. C.
EDRS not available
BULL-25-A
Association For Childhood Education International, 3615 Wisconsin Avenue, N. W., Washington, D. C. 20016 ($1.25).

Descriptors: exceptional child research; disadvantaged youth; nutrition; child development; intellectual development; educational needs; health; food; economic disadvantagement; incidence; diseases; poverty programs; foreign countries; school programs; federal aid; government role; biochemistry; infants; dietetics; mothers; mentally handicapped; mental retardation

A consideration of nutrition and intellectual growth opens with a glossary of 12 terms and two reports on hunger in America, one by J.L. Frost and B.L. Payne, the other by the Citizens' Board of Inquiry into Hunger and Malnutrition. Included are articles on nutrition and intellectual development in children, by M. Winick; maternal diet, growth, and behavior, by M. Simonson and B.F. Chow; international nutrition and later learning, by M.C. Latham; and medical care of children in Poland, as told to H.T. Suchara. Also, D. Rosenfield and F.J. Stare discuss nutritional prospects for the future; M.L. Cronan describes the role of the school in providing for nutrition; and M.J. Brennan treats conservation, resources, and education. (JD)

ABSTRACT 20922

EC 02 0922 ED 027 653
Publ. Date Apr 63 74p.
Rusk, Howard A. And Others
Specialized Placement of Quadriplegics and Other Severely Disabled. Final Report.
New York University, New York, Institute For Physical Medicine And Rehabilitation
Vocation Rehabilitation Administration (DHEW), Washington, D. C.
EDRS mf,hc
VRA-RD-509

Descriptors: exceptional child research; physically handicapped; vocational adjustment; vocational rehabilitation; medical services; special services; group counseling; occupational surveys; job placement; orthopedically handicapped; demonstration projects; employment services; counseling services; employment experience; adults; statistical surveys; quadriplegia

To help quadriplegics and other severely disabled achieve vocational placement and confront the catastrophic impact of quadriplegia on bodily function (as detailed in the report), a rehabilitation team provided medical, various special, and vocational rehabilitation services. The 100 clients (59% men, 79% less than 45 years and 62% between 20 and 39) were evaluated for physical capacities and job-task performance. Of the 100, 62 received and completed intensive training services, including vocational adjustment training, psychosocial services, and group counseling. Various job placement and promotion techniques were utilized. Of these 62, 25 were quadriplegics, 23 of whom were placed in gainful employment. Of the remaining 37 who had various degrees of severe disability, 30 were placed. Also part of the project was a mail survey made to determine the current employment experience of the quadriplegic. Of 355 persons contacted, 177 responded, of whom 69 were employed and 18 were attending college. Further descriptive data, six case studies, four recommendations, and 12 references are included. (JD)

ABSTRACT 20939

EC 02 0939 ED 032 664
Publ. Date Jan 68 57p.
Housing for the Physically Impaired; a Guide for Planning and Design.
Department Of Housing And Urban Development, Washington, D. C., Housing Assistance Administration
EDRS mf
Superintendent Of Documents, U. S. Government Printing Office, Washington, D. C. 20402 ($0.45).

Descriptors: exceptional child services; physically handicapped; low rent housing; architectural programing; design needs; building design; federal aid; incidence; site selection; parking areas; landscaping; doors; corridors; sanitary facilities; equipment storage; food handling facilities; climate control; lighting; telephone communication systems; community rooms; safety equipment; older adults; United States Housing Act of 1937

Problems involved in providing homes for independent living for the physically handicapped, health impaired, or older adults are considered. Basic concepts of low rent housing preface a discussion of neighborhoods and site selection, access, ramps, pedestrian walks, parking, landscaping, and lighting. Guides for building design focus on entrances, corridors, stairs, elevators, incinerator chutes, laundry facilities, general storage, and mailboxes. Specifications are suggested for living units including the living room, kitchen, bedroom, bathroom, and storage area; the design of windows, doors, hallways, floors, lighting and heating units, and custodial quarters, and the provision of telephones, televisions, an emergency signal system, and hot water are also treated. Recommendations are made for the following community areas: lounge, recreation room, kitchen, craft area, library, health clinic, washrooms, public telephones, drinking fountains, vending machines, and other areas. A bibliography lists 41 references. (RJ)

ABSTRACT 20960

EC 02 0960 ED 033 500
Publ. Date 69 183p.
Scott, Donald
About Epilepsy.
EDRS not available
International Universities Press, Inc., 239 Park Avenue South, New York, N. Y. 10003 ($5.00).

Descriptors: epilepsy; medical evaluation; medical treatment; special health problems; individual characteristics; etiology; clinical diagnosis; historical reviews; pregnancy; marriage; educational programs; vocational rehabilitation; special services; civil rights; preventive medicine; crime; literature; medical research

Epileptic fits, faints, and falls are described; the causes, sorts, and diagnosis of fits are detailed; and treatment that both doctor and surgeon can provide is reviewed. Further consideration is given to children with fits, the effect of fits on the mind, the care of the epileptic person, marriage and pregnancy, and the prevention of fits. Also treated are the following: epilepsy in history, some historical epileptic people, epilepsy in literature, epilepsy and crime, and epilepsy in the future. (JD)

ABSTRACT 20999

EC 02 0999 ED N.A.
Publ. Date 65 486p.
Myers, Julian S., Ed.
An Orientation to Chronic Disease and Disability.
EDRS not available
MacMillan Company, 866 Third Avenue, New York, New York 10022.

Descriptors: medical evaluation; medical treatment; medicine; physical handicaps; physical health; diseases; emotionally disturbed; visually handicapped; aurally handicapped; mentally handicapped; neurologically handicapped; pathology; neurological defects; cardiovascular system; physiology; cardiac (person); amputees; anatomy; physiology; metabolism; neurology

Designed as an informative but not overly technical aid, the volume is aimed at graduate students and professional workers in fields where medical knowledge is necessary but normally not included in formal education. Each disease or disability is defined, diagnostic aids specified, and treatment outlined. Areas discussed are diseases of the heart and blood vessels, respiratory disorders, bone, joint, and muscle disorders, gastrointestinal problems, kidney diseases, endocrine gland disorders, brain disorders, and disorders of the central nervous system. also included are hearing impairments, visual handicaps, neoplasms, amputations, emotional disturbances, and aspects of mental retardation. Each chapter was written by a specialist in the field discussed and is autonomous. (JM)

ABSTRACT 21009

EC 02 1009 ED N.A.
Publ. Date 64 237p.

Viscardi, Henry, Jr.
The School.
EDRS not available
Paul S. Ericksson, Inc., 119 West 57th Street, New York, New York 10019 ($5.00).

Descriptors: exceptional child education; homebound; physically handicapped; program development; special schools; innovation; school community relationship; school construction

The founder of Abilities, Incorporated and its research wing, Human Resources Foundation, relates the genesis, development, and struggles to establish a school program for a group of severely crippled children and subsequent efforts to achieve the construction of a school building to house the program. Described in anecdotal narrative style are the children, their greatly circumscribed home situations, the beginnings of group instruction, and the battles from the local community to the state level in winning support for the erection of a special school building. (DF)

ABSTRACT 21017

EC 02 1017 ED N.A.
Publ. Date 64 18p.
Swinyard, Chester A.
The Child with Spina Bifida.
New York University, New York, Institute Of Physical Medicine And Rehabilitation
Vocational Rehabilitation Administration (DHEW), Washington, D. C.
EDRS not available
Association For The Aid Of Crippled Children, 345 East 46th Street, New York, New York 10017.

Descriptors: exceptional child services; physically handicapped; parent education; medical treatment; etiology; physical therapy; self care skills; medical evaluation; health; Spina Bifida

Designed to aid parents of children with spina bifida in adjustment and understanding of the condition, the booklet presents information on causes and aids. Included are discussions of the definition of the condition, the problems involved, early treatment, bowel and bladder management, physical therapy, etiology, and sources of help. The pamphlet is couched in nontechnical language and has several informative diagrams. (JM)

ABSTRACT 21079

EC 02 1079 ED N.A.
Publ. Date Jan 69 352p.
Wheeler, Ruth Hook; Hooley, Agnes M.
Physical Education for the Handicapped.
EDRS not available
Lea And Febiger, 600 South Washington Square, Philadelphia, Pennsylvania 19106 ($9.75).

Descriptors: exceptional child education; physically handicapped; handicapped children; physical education; physical fitness; human body; rehabilitation programs; physical activities; human posture; special programs; muscular strength; physical therapy; teaching methods; social adjustment; exercise (physiology); program planning; anatomy

Designed primarily for the teacher, information is presented in the following areas: a brief review of history and trends in adapted physical education and therapeutic exercise; rehabilitation and habilitation in the areas of physical medicines, allied medical services, and physical education; essentials of the nervous system; motor learning and body image; mechanical and muscular efficiency; daily tasks and body mechanics; common postural deviations and resulting adjustment problems; methods to implement the physical education program for the exceptional child; handicapping conditions with recommendations for physical education activities; and future directions in adapted physical education. Sixteen tables and charts, 354 illustrations, and a 168-item bibliography are included. (LE)

ABSTRACT 21173

EC 02 1173 ED N.A.
Publ. Date 65 373p.
Spock, Benjamin; Lerrigo, Marion O.
Caring for Your Disabled Child.
EDRS not available
Crowell Collier And Macmillan, Inc., 866 Third Avenue, New York, New York 10022 ($4.95).

Descriptors: handicapped children; physically handicapped; parent child relationship; parent role; rehabilitation; medical services; educational needs; employment opportunities; recreational activities; social adjustment; sex education; self care skills; prostheses; family problems; educational programs

Written basically for parents of handicapped children, the book offers suggestions for care, advice on behavior, and discusses the needs of both parent and child. Some areas of concern are understanding of parent and child problems in daily family living, the relationship and search for medical care, hospitalization and therapy, parental emotions concerning the child's education, educational needs and facilities, and problems in actual school situations. Information is also presented on possible employment, parental influence in choosing a vocation, attainment of goals, suggestions for recreation and play activities, and sexual and social development problems from childhood through adulthood. Also discussed are problems in home management, some self help aids, and suggestions for the easier management of braces, wheelchairs, crutches, artificial limbs, and elimination processes. Suggested readings and a list of helpful agencies are provided. (JM)

ABSTRACT 21339

EC 02 1339 ED N.A.
Publ. Date Feb 70 159p.
Katz, Alfred H.
Hemophilia: A Study in Hope and Reality.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($9.00).

Descriptors: heredity; cardiovascular system; social characteristics; employment; vocational counseling; self concept; leisure time; blood circulation; medical treatment; special health problems; incidence; males; family relationship; national surveys; parent role; emotional adjustment; employment problems; Hemophilia

The social and psychological problems of hemophilia are the focus of the text on this hereditary, chronic disorder which affects some 60,000 persons in the following: medical aspects, personal and social characteristics of hemophiliacs, family involvement, education, employment, special conditions related to working or finding jobs, vocational counseling and placement, leisure time activities, self concept, and conclusions. (RJ)

ABSTRACT 21448

EC 02 1448 ED 034 327
Publ. Date Nov 67 106p.
Siller, Jerome And Others
Studies in Reaction to Disability. XII: Structure of Attitudes Toward the Physically Disabled; Disability Factor Scales--Amputation, Blindness, Cosmetic Conditions.
New York University, New York, School Of Education
Social And Rehabilitation Service (DHEW), Washington, D. C., Division Of Research And Demonstration Grants
EDRS mf,hc

Descriptors: exceptional child research; physically handicapped; attitudes; negative attitudes; amputees; blind; demography; factor analysis; attitude tests; stereotypes; test construction; internal scaling; item analysis

To describe and to develop instruments to measure attitudes toward amputees, the blind, and those with cosmetic conditions, three groups of subjects responded to one of three large pools of items tapping attitudes toward the three disability conditions. Three new groups of about 500 subjects of diverse demographic characteristics were given one of three revised and reduced questionnaires. The returns were factor analyzed and scales were derived from the resulting factors. The seven virtually identical factors which emerged from the amputation and blindness analysis were interaction strain, rejection of intimacy, generalized rejection, authoritarian virtuousness, inferred emotional consequences, distressed identification, and imputed functional limitations. The cosmetic conditions item set contained two factors which were identical (interaction strain, rejection of intimacy); two which were analogous (reluctant aversion and superficial empathy); and two unique dimensions (qualified aversion and proximate offensiveness). A review of related research and data on each item of the scales are included. (LE)

ABSTRACT 21469

EC 02 1469 ED 034 347
Publ. Date 28 Jul 69 144p.
Diller, Leonard And Others
Psychological and Educational Studies with Spina Bifida Children. Final Report.
New York University Medical Center, New York, Institute Of Rehabilitation Medicine
Office Of Education (DHEW), Washington, D. C., Bureau Of Education For The Handicapped
EDRS mf,hc
OEG-32-42-8145-5020
BR-5-0412

Descriptors: exceptional child research; physically handicapped; academic achievement; personality; intelligence; reading achievement; arithmetic; amputees; psycholinguistics; intelligence differences; individual characteristics; prostheses; social factors; student placement

To measure school achievements in spina bifida children, to relate these measures to certain variables, to obtain information on educational problems, and to study facets of cognition and its changes with age, 77 spina bifida children and 53 amputees (all aged 5 to 15) were tested. Sixty non-disabled children were at times used for controls. The findings indicated that children with spina bifida and hydrocephalus lagged behind other handicapped children in reading, arithmetic, psycholinguistic abilities, richness of interpersonal recall, and listing of occupations. The spina bifida hydrocephalic children showed better performance in verbal ability than in performance skills and tended to act socially deprived regardless of verbal intelligence. Non-hydrocephalic and amputee children seemed to show normal social awareness. Indications are that spin bifida children need earlier attention to avoid misplacement in academic levels and to help prevent cognitive and academic problems. Extensive appendixes and tables are provided. (Author/JM)

ABSTRACT 21545

EC 02 1545 ED N.A.
Publ. Date 64 207p.
Bloomberg, Maxwell H.
Orthopedic Braces: Rationale, Classification and Prescription.
EDRS not available
J. B. Lippincott Company, 227 South 6th Street, Philadelphia, Pennsylvania 19106.

Descriptors: exceptional child services; physically handicapped; orthopedically handicapped; medical evaluation; medical treatment; biomedical equipment; physical development; interprofessional relationship; anatomy; orthopedic braces

Addressed to physicians and paramedical personnel, the manual considers the prescription, measurements, and rationale for braces. General considerations are discussed and the following are elaborated upon: lower extremity braces, upper extremity braces, spinal braces, and cervical collars. Office equipment needed by the physician is also listed. (MY)

ABSTRACT 21679

EC 02 1679 ED N.A.
Publ. Date Jan 70 7p.
Cox, Ruth Wade; James, Mary Hamilton
Rescue from Limbo: Foster Home Placement for Hospitalized, Physically Disabled Children.
EDRS not available
Child Welfare; V49 N1 P21-8 Jan 1970

Descriptors: exceptional child services; physically handicapped; foster family; placement; welfare agencies; interagency coordination; hospitalized children; program descriptions; program coordination; nursing homes; social agencies; Rancho Los Amigos Hospital (Los Angeles)

The program at Rancho Los Amigos Hospital in Los Angeles providing foster home placement for hospitalized physically handicapped children is described. Included is information about the establishment of the program, recruitment of foster homes, and placement methods. Case examples of children are provided. The concept of organizational exchange between the hospital and the child welfare agency is explained. Procedures and their development are outlined as well as criteria for success and guidelines for planning foster home care. (MS)

ABSTRACT 21764

EC 02 1764 ED 035 143
Publ. Date Oct 66 279p.
Young, Howard D.
Independent Living: A Study of Rehabilitation of Physically Handicapped Adults Living in Foster Homes; Social Work Intervention in the Adaptation to Family Environment. Final Report.
New York Service For Orthopedically Handicapped, New York
Social And Rehabilitation Service (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; program evaluation; foster family; rehabilitation programs; adults; orthopedically handicapped; family environment; institutionalized (persons); social services; social adjustment; social workers; success factors; counseling effectiveness; interpersonal relationship; family influence; vocational counseling

As an alternative to unnecessary inpatient care of adults with orthopedic disabilities, the Independent Living Project (ILP) placed persons who were institutionalized without need and persons who were living in the community under unsatisfactory circumstances in foster homes. Information is presented on the intake procedures, homefinding techniques, matching client to foster home problems, counseling services, and the employment procedures used in the project. The characteristics of the ILP clients and foster families and the effects of social work intervention are enumerated with summary tables of data clarifying the placement results. Nine major areas of concern were identified. Each area is delineated with a list of recommendations and implications. These include the procedures for moving the disabled into suitable environments, the applicability of foster homes for the disabled, the alternatives for living environments, the opportunity to participate in training for social skills, the compilation of a central record file or data bank, the effect of the work experience and its importance, the cooperation of community organizations for the disabled, the need for the coordination of personnel services, the allocation of personnel and types of services offered, and final conclusions. (WW)

ABSTRACT 21807

EC 02 1807 ED N.A.
Publ. Date 65 267p.
Rathbone, Josephine L.; Hunt, Valerie V.
Corrective Physical Education.
EDRS not available
W. B. Saunders Company, West Washington Square, Philadelphia, Pennsylvania 19105.

Descriptors: physical education; diseases; exercise (physiology); muscular strength; physical fitness; human body; human posture; anatomy; administrative problems; anomalies; physical handicaps

An introduction to corrective physical education considers current emphases in conditioning and new emphases in tests and measurements. A review of anatomy and the mechanics of human movement covers general body structure, the foot and lower leg, knee and hip joints, the spine, trunk muscles, thorax and abdomen, and the shoulder and upper arm. Physiological, neurological, and psychological considerations are explored as are postural weaknesses and other growth and development problems. Exercise is discussed in relation to disease and impairment, and corrective exercises are both described and illustrated. Also treated are tension and techniques in relaxation and the administration of a corrective physical education program. (RJ)

ABSTRACT 21933

EC 02 1933 ED 036 912
Publ. Date Jun 69 79p.
Herron, Charles E. And Others
A Compilation of Adapted Equipment for Physically Handicapped Children: Historical References and Implications for Utilization in Physical Education as a Component of Special Education.
Alabama University, University, Department Of Special Education
EDRS not available
Charles E. Herron, University Of Alabama, Department Of Special Education, University, Alabama 35486.

Descriptors: exceptional child education; physically handicapped; physical education; athletic equipment; incidence; instructional materials; adjustment (to environment)

The history of physical education, a philosophy of education, the need for a study of adapted equipment, and a definition of terms are presented. A selected review of the literature and the study methodology precede a list of equipment and apparatus. Drawings of 60 kinds of material are provided, some accompanied by dimensions, composition, and instructions for assembly. Conclusions are given concerning physical education equipment for the physically handicapped; references are cited. (RJ)

ABSTRACT 21946

EC 02 1946 ED 036 925
Publ. Date Feb 69 20p.
Teaching and Training Aids for Orthopedic School Programs.
Wisconsin State Department Of Public Instruction, Madison, Bureau For Handicapped Children
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; instructional materials; teacher developed materials; orthopedically handicapped; self care skills; communication skills; manipulative materials; audiovisual materials

Directions are given for making teaching aids for physically handicapped children. Self help materials aid dressing and communication; modified instructional materials teach visual, speech, and reading skills. Both types of materials are suggested for other uses as well. (JD)

ABSTRACT 21962

EC 02 1962 ED 036 941
Publ. Date (69) 22p.
An Adaptive Playground for Physically Disabled Children with Perceptual Deficits; The Magruder Environmental Therapy Complex.
Orange County Board Of Public Instruction, Orlando, Florida
Office Of Education (DHEW), Washington, D. C., Bureau Of Elementary And Secondary Education
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; perceptual motor coordination; playgrounds; recreational facilities; preschool children; design needs; motor development; environmental criteria; physical facilities

Designed as a specialized play area for physically handicapped preschool children with perceptual deficits, the Magruder Environmental Therapy Complex (ETC) is described as a means to create an environment in which these children could function freely. Pictures are used to show children using the equipment and the architectural aspects of construction. A brief summary, the problem defined, the goal of ETC, the basic perceptual motor experiences of ETC, principle features of ETC and physical problems, testing plans designed to evaluate the effects of ETC, and early observations by teachers, therapists and aides indicating the benefits of the free, unstructured play area are detailed. (WW)

ABSTRACT 22027

EC 02 2027 ED 036 040
Publ. Date Dec 67 26p.
Yuker, Harold E.; Feldman, Martin A.
The Modification of Educational Equipment and Curricula for Maximum Utilization by Physically Disabled Students. Final Report.
Human Resources Center, Albertson, New York
Office Of Education (DHEW), Washington, D. C., Bureau Of Research
EDRS mf,hc
OEG-2644
BR-5-0410-4-11-3

Descriptors: exceptional child research; physically handicapped; educational research; educational needs; curriculum development; personnel selection; program evaluation; transportation; school design; educational equipment; research reviews (publications); educational programs

To provide information on educational modifications for physically disabled children, a review of over 800 documents was evaluated, extensive interviews were conducted, and correspondence was gathered. The information was compiled and evaluated by the Human Resources Center and presented in five monographs dealing with school design, educational equipment, transportation, staffing, and curriculum and instructional techniques for physically disabled students. Each discussion presents problems and suggests solutions. The conclusions of the total project were that dissemination of this collated information can result in better educational techniques; there is much creative thinking currently, but lack of communication hampers adoption of new techniques; and more surveys of information are needed concerning individual exceptionalities. Summaries of the monographs are provided. (JM)

ABSTRACT 22051

EC 02 2051 ED N.A.
Publ. Date 69 327p.
Wolf, James M., Ed.
The Results of Treatment in Cerebral Palsy.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($20.50).

Descriptors: cerebral palsy; minimally brain injured; neurologically handicapped; evaluation techniques; diagnostic tests; clinical diagnosis; occupational therapy; physical therapy; motor development; Doman Delacato Method

A compilation of papers, the text presents research findings and theories concerning the measurement of treatment results. Three articles discuss historical background in cerebral palsy while four articles deal with evaluation methods. Nine studies of the results of treatment include the role of physical and occupational therapy, the Doman-Delacato Method, and early treatment. Developmental and assessment scales are described in eight papers which present several tests and evaluation instruments. (RJ)

ABSTRACT 22141

EC 02 2141 ED N.A.
Publ. Date Feb 69 248p.
Lukens, Kathleen; Panter, Carol
Thursday's Child Has Far to Go.
EDRS not available
Prentice-Hall, Inc., Publishers, Engelwood Cliffs, New Jersey 07632 ($5.95).

Descriptors: physically handicapped; special health problems; aphasia; diabetes; mongolism; family relationship; family attitudes

Written in narrative form, the text contains four studies of handicapped children and the problems they and their families must face. The conditions discussed are aphasia, diabetes, mongolism, and osteogenesis imperfecta congenita. Emphasis is placed on the process of adjustment. (JM)

ABSTRACT 22143

EC 02 2143 ED N.A.
Publ. Date 69 269p.
Peterson, Dwayne Douglas, Ed.
The Physically Handicapped: A Book of Readings.
EDRS not available
MSS Educational Publishing Company, Inc., 19 East 48th Street, New York, New York 10017.

Descriptors: physically handicapped; amputees; asthma; cerebral palsy; epilepsy; diabetes; special health problems; diseases

The text is a compilation of a number of readings designed to supplement the training of workers with the physically handicapped. Included are three articles on amputations and deformities, three on arthritis, four on asthma, four on cerebral palsy, one on cystic fibrosis, two on diabetes, and three on epilepsy. Other areas represented are two readings on the heart, two concerning hemophilia, two on leukemia, two dealing with multiple sclerosis, three on muscular dystrophy, three on spina bifida, and one on tuberculosis. Supporting articles are concerned with birth defects, the physically disabled and a minority status, teleteaching, congenital and acquired handicaps, the therapeutic role of the teacher, instructional organization, and the Apgar Test for neurological assessment of newborns. (JM)

ABSTRACT 22204

EC 02 2204 ED 037 856
Publ. Date 68 152p.
Sullivan, Richard A. And Others
Telephone Services for the Handicapped. Rehabilitation Monograph XXXVII.

New York University, New York, Medical Center
American Telephone And Telegraph, New York, New York
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; telephone communication systems; equipment utilization; audio equipment; sensory aids; equipment evaluation

A study by American Telephone and Telegraph investigated the use of standard Bell equipment in meeting the needs of the disabled for telephone service. Results revealed that all disabled persons who are able to communicate orally can initiate and terminate a call and carry on a conversation when the correct types of equipment are found, especially when push button dials are universally available or when an operator is available. The monograph presents information on the difficulties encountered in using the phone and on equipment found useful. Each phone, headset, or modification is described through words and by photographs; advantages and disadvantages are noted. Several factors influencing the choice of telephone equipment (answering in time, access, and family use) are considered. Evaluation of the patient and the equipment is discussed in regard to the amount of physical function present and the testing and matching of equipment for various disabilities. Choice of telephone, assistive devices, special services for summoning aid, use of the phone for home business, and coin phones for wheelchair users are also mentioned. (RJ)

ABSTRACT 22230

EC 02 2230 ED 037 882
Publ. Date 70 224p.
Finnie, Nancie R.
Handling the Young Cerebral Palsied Child at Home.
EDRS not available
E. P. Dutton And Company, Inc., 201 Park Avenue South, New York, New York 10003 ($6.95).

Descriptors: exceptional child services; cerebral palsy; parent education; physical development; child care; motor development; parent role; physical activities; physically handicapped

Written primarily for parents of cerebral palsied children, the text discusses and illustrates methods for handling the child in daily activities. Introduced with a questionnaire concerning developmental stages and activity levels, the manual describes the most common difficulties of the spastic, athetoid, ataxic, or flaccid child. Drawings and explanations included concern general advice, the development of movement, carrying, bathing, toilet training, dressing, feeding, transporting devices, sleeping, play, and linking play with everyday activities. Also provided are lists for additional reading, terminology, and suppliers of accessories and equipment. (JM)

ABSTRACT 22434

EC 02 2434 ED 034 385
Publ. Date 67 66p.
Yuker, Harold E., And Others
The Modification of Educational Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons. Educational and School Equipment for Physically Disabled Students.
Human Resources Center, Albertson, New York
EDRS mf,hc
OEG-2644 HRS-9

Descriptors: exceptional child education; physically handicapped; audiovisual aids; auditoriums; crafts rooms; dining facilities; educational equipment; educational facilities; facility requirements; furniture; gymnasiums; library facilities; mobility aids; science facilities; study facilities; wheel chairs

Special education and school equipment for handicapped students, particularly for those in wheel chairs, are outlined with suggestions for increasing the quality and effectiveness of special education instruction. Guidelines are given for the provision of an adequate learning environment for handicapped students. Special furniture and equipment is discussed including tables and desks, bookcases and storage cabinets, chalkboards, audiovisual and communication aids, and mobility and postural equipment. Equipment needs in the different physical and functional areas within the school discussed included classrooms and laboratories, cafeterias, and recreational facilities. A reference list and appendix are provided. (TG)

ABSTRACT 22545

EC 02 2545 ED 038 815
Publ. Date Sep 69 40p.
Lynch, Henry T., Comp.
International Directory of Genetic Services. Second Edition.
EDRS not available
The National Foundation-March Of Dimes, 800 Second Avenue, New York, New York 10017.

Descriptors: medical services; genetics; directories; diseases; anomalies; counseling services; medical research

The directory lists medical genetic units in the United States and elsewhere in the world. The director and address of each unit are specified; types of genetic services available are indicated by code. (JD)

ABSTRACT 22569

EC 02 2569 ED N.A.
76p.
(Suggestions and Solutions to Problems of Maneuverability for the Physically Limited Homemaker.)
Nebraska Heart Association, Omaha
Nebraska University, Lincoln, College Of Agriculture And Home Economics
EDRS not available
Nebraska Heart Association, 430 South 40th Street, Omaha, Nebraska 68131.

Descriptors: physically handicapped; physical facilities; homemaking skills; home management; housewives; cleaning; self care skills; object manipulation; food handling facilities; sanitary facilities; clothing; design needs; equipment storage

A series of 10 pamphlets is designed to give the physically limited homemaker suggestions and practical solutions to problems of maneuverability in the home. Each bulletin is illustrated; topics include a discussion on easy to use kitchens, suggestions for an easy to use mixing center, ideas on an easy to use cooking and serving center, materials geared for an easy to use sink center, and suggestions on kitchen storage facilities which require no stooping or stretching. Other bulletins cover the subjects of food and the family, fashions for physically limited women, ways to streamline household tasks, methods to make the bathroom safe and usable, and suggestions on the convenient organization of cleaning equipment. (WW)

ABSTRACT 22649

EC 02 2649 ED N.A.
Publ. Date 69 162p.
Greene, Raymond, Ed.
Myasthenia Gravis.
EDRS not available
J. B. Lippincott Company, East Washington Square, Philadelphia, Pennsylvania 19105 ($6.00).

Descriptors: exceptional child research; special health problems; medical evaluation; medical treatment; neurological defects; muscular strength; physiology; pathology; fatigue (biology); radiation biology; Myasthenia Gravis; endocrinology; thymus

A book of readings on myasthenia gravis covers both scientific and clinical aspects of this neuromuscular disorder. It is designed to be of special interest to physicians, physiologists interested in nerve and muscle disorders, radiologists, and immunologists. A history of myasthenia gravis introduces chapters discussing the physiology of neuromuscular transmission, the diagnosis of the disease, and the use of radiology and electromyography in diagnosis and treatment. Other topics covered are pathology, endocrinology, and immunology as they relate to the disease, and the role of the thymus in neuromuscular transmission. Finally, descriptions of medical, surgical, and radiological treatment are presented. Numerous tables, drawings, photomicrographs, electron micrographs, and other photographs are included. (KW)

ABSTRACT 22839

EC 02 2839 ED N.A.
Publ. Date 63 25p.
Home Care of the Child with Rheumatic Fever: A Guide for Parents.
EDRS not available
American Heart Association, 44 East 23rd Street, New York, New York 10010.

Descriptors: special health problems;

homebound children; child care; parent role; nursing; rheumatic fever

The booklet gives parents practical suggestions on how to care for a child convalescing from rheumatic fever at home. Topics include the child as a patient, arranging the child's room, home nursing care, clothing, meal preparation, a daily schedule, equipment needed, and improvising equipment. Five suggested readings are listed. (LE)

ABSTRACT 22840

EC 02 2840 ED N.A.
Publ. Date 64 18p.
What Teachers Should Know about Children with Heart Disease.
EDRS not available
American Heart Association, Inc., 44 East 23rd Street, New York, New York 10010.

Descriptors: exceptional child education; physically handicapped; cardiac (person); educational methods; regular class placement; teacher role

Designed for the classroom teacher, the booklet offers information on teaching children with heart diseases. Areas discussed include rheumatic fever, its effects, danger signals, phases, and treatment; the return to school; the role of health education; and congenital heart defects, cyanosis, and heart surgery. Additional areas of concern are restricted programs of activity, psychological and emotional needs, guidance and vocational counseling, and teacher reassurances. (JM)

ABSTRACT 22893

EC 02 2893 ED 040 545
Publ. Date 68 84p.
Anderson, William
Teaching the Physically Handicapped to Swim.
EDRS not available
Transatlantic Arts, Inc., North Village Green, Levittown, New York 11756 ($3.75).

Descriptors: exceptional child education; physical education; swimming; physically handicapped; teaching methods; visually handicapped; aurally handicapped; cerebral palsy; swimming pools; physical education facilities; exercise (physiology); physical therapy

First principles of teaching swimming to the handicapped are reviewed; attention is given to children with cerebral palsy or muscular dystrophy, physical handicaps, blindness, and deafness. Swimming strokes, suggested exercises, group teaching, and a typical sequence of lessons and exercises are considered. Some case histories and a plan for a learners' pool are provided. (JD)

ABSTRACT 22896

EC 02 2896 ED 040 548
Publ. Date 69 124p.
Osofsky, Howard J.
The Pregnant Teen-Ager: A Medical, Educational, and Social Analysis.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($6.75).

Descriptors: unwed mothers; adolescents; social problems; educational problems; pregnancy; illegitimate births; medical evaluation; sex education; contraception

Concerned with teen-aged pregnancy, the text includes discussions of premarital pregnancy, the pregnant teen as a member of the poor, as nonwhite, and as a teen-ager, obstetrical concepts, pregnancy results, factors which influence medical prognosis, and solutions to minimize medical risk. Additional areas of concern are a research review and a review of the validity and bias of social services, hospitals and clinics, voluntary agencies and homes, the community itself, and the attitudes of the community. The emotional problems of the school system and exclusion from the system are described along with a review of the educational backgrounds of pregnant students, educational needs, and the Y-MED program. The problems of sex education and contraception availability and the results of insufficient instruction are examined as are the following concerns on abortion: laws, historical perspective, prohibitions, women's rights, and the punitive effects of legislation on the poor concerning abortion. (JM)

ABSTRACT 23066

EC 02 3066 ED N.A.
Publ. Date 68 136p.
Gutman, Ernest M.; Gutman, Carolyn R.
Wheelchair to Independence: Architectural Barriers Eliminated.
EDRS not available
Charles C Thomas, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($6.75).

Descriptors: physically handicapped; architectural barriers; building design; wheel chairs; physical environment; interior design; campus planning; school design; home furnishings

Means of eliminating architectural barriers for wheelchair users, to help solve some problems of daily living, education, and employment, are suggested and recommended to architects and builders. Architectural obstructions in both residential and public buildings are outlined, together with solutions. The book discusses adaptations for the home (bathroom, bedroom, kitchen, dining room, floors, stairs), and various types of residences. Photographs illustrate many of the conveniences. Specifications for a made-to-order house for a wheelchair user are presented. Lists of recommended standards for public buildings and of motels with wheelchair units are included in a discussion of current building trends. A review of campus facilities at colleges and universities includes suggested specifications for structures and a list of institutions currently enrolling wheelchair students. Adaptations for public schools, hospitals, and the telephone are also suggested. (KW)

ABSTRACT 23514

EC 02 3514 ED N.A.
Publ. Date 68 161p.
Etter, Mildred Field
Exercise for the Prone Patient.
EDRS not available
Wayne State University Press, Detroit, Michigan 48202 ($3.25).

Descriptors: physically handicapped; occupational therapy; exercise (physiology); rehabilitation programs; physical therapy; equipment; muscular strength; physical activities

An exercise program for disabled patients who must lie in the prone position is discussed. Techniques and equipment providing active and free-moving treatment to enable patients to regain strength, range of motion, endurance, and function are described. Numerous photographs and drawings accompany the text. (MS)

ABSTRACT 23555

EC 02 3555 ED 042 288
Publ. Date Jan 69 100p.
Saylor, Louis F.
Residential Care Needs: A Report to the California State Legislature.
California State Department Of Public Health, Berkeley
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; residential care; state programs; health services; program proposals; California

A study of 115 mentally normal persons with severe physical handicaps indicated that existing service and living arrangement programs were inadequate. Results suggested the following: establishment of a coordinating state agency and local supervisory teams of nurses and social workers; arrangement of a variety of living accommodations, including temporary care for persons ordinarily living at home; and provision of funds for equipment and home modification. Further recommendations called for a health oriented community agency stressing preventive care, attendant care programs, and protectorship services. Also needed were flexible interpretation of regulations governing existing programs and case management developing and utilizing the abilities and talents of the handicapped. (JD)

ABSTRACT 23566

EC 02 3566 ED 042 299
Publ. Date 69 835p.
Jasper, Herbert H., Ed. And Others
Basic Mechanisms of the Epilepsies.
EDRS not available
Little, Brown And Company, 34 Beacon Street, Boston, Massachusetts 02106.

Descriptors: exceptional child research; physically handicapped; epilepsy; neurology; seizures; physiology; biochemistry

A collection of highly technical scientific articles by international basic and clinical neuroscientists constitutes a review of their knowledge of the brain and nervous system, particularly the aspects

related to loss of brain function control and its explosive discharges which cause epileptic seizures. Anatomy, biophysics, biochemistry, and physiology of brain and neuronal structures and mechanisms are discussed. Included are studies related to seizure mechanisms and therapeutic agents by neurochemists and neuropharmacologists, and information from physiologists on normal and seizure processes in cells and collections of neurons in the brain. Also reviewed are the principles of genetic and other causative factors of seizures. The data and concepts relative to epilepsy presented in the monograph are designed to provide further understanding of the nervous system to basic scientists, and assistance in developing more effective therapy to clinicians. (KW)

AUTHOR INDEX

Anderson, John A, Ed 20684.
Anderson, William 22893.
Arthur, Julietta K 10602.
Barrow, Roscoe L 10696.
Blakeslee, Berton, Ed 10455.
Bloomberg, Maxwell H 21545.
Burton, Lindy 10797.
Cann, Cairbre 10058.
Carson, Ruth 20503.
Connor, Frances P 10381.
Cox, Ruth Wade 21679.
Cruickshank, William M 10097, 10874.
Daley, William T, Ed 11353.
Diller, Leonard And Others 21469.
Dodds, Maryelle 11957.
Etter, Mildred Field 23514.
Fait, Hollis F 10121.
Finnie, Nancie R 22230.
Frampton, Merle E 11487.
Goldsmith, Selwyn 20830.
Gordon, Ronnie 20829.
Greene, Raymond, Ed 22649.
Gutman, Ernest M 23066.
Hall, Robert E 10125.
Harms, Ernest, Ed 11980.
Hatton, Daniel A 10424.
Helsel, Elsie D And Others 20803.
Helsel, Elsie D, Ed 11385.
Herron, Charles E And Others 21933.
Hirt, Michael L 10389.
Holt, K S, Ed 11379.
Jasper, Herbert H, Ed And Others 23566.
Katz, Alfred H 21339.
Keith, Haddow M 10345.
Lauder, Ruth 20683.
Lindsay, Zaidee 20475.
Lukens, Kathleen 22141.
Lynch, Henry T, Comp 22545.
McDonald, Eugene T 10115.
Myers, Julian S, Ed 20999.
Nemarich, Samuel P 20180.
Ogg, Elizabeth 10998.
Osofsky, Howard J 22896.
Peterson, Dwayne Douglas, Ed 22143.
Rathbone, Josephine L 21807.
Rusalem, Herbert 10383.
Rusalem, Herbert, Ed 10673.
Rusk, Howard A And Others 20922.
Saylor, Louis F 23555.
Scott, Donald 20960.
Siller, Jerome And Others 21448.
Spock, Benjamin 21173.
Sullivan, Richard A And Others 22204.
Sunderlin, Sylvia, Ed 20874.
Swinyard, Chester A 21017.
Taylor, Wallace W 20241.
Viscardi, Henry, Jr 21009.
Wheeler, Ruth Hook 21079.
Wilson, Dorothy Clarke 10990.
Wolf, James M, Ed 22051.
Young, Howard D 21764.
Yuker, Harold E 22027.
Yuker, Harold E And Others 11990, 20376, 20430, 22434.

SUBJECT INDEX

Academic Achievement 10990, 21469.
Accident Prevention 10797.
Achievement 10990.
Adjustment Problems 10455.
Adjustment (To Environment) 10455, 10673, 21933.
Administration 10121, 10383, 20241, 20430, 21679.
Administrative Organization 20241.
Administrative Problems 21807.
Admission Criteria 10383, 20803.
Adolescents 10058, 10381, 10874, 11957, 22896.
Adopted Children 10990.
Adult Education 20803.
Adults 10058, 20922, 21764.
Affection 10797.
Agencies 11487, 21679.
Agency Role 20170, 20432.
Allergy 10389, 20503.
Amputees 10455, 10990, 20999, 21448, 21469, 22143.
Anatomy 20999, 21079, 21545, 21807.
Annotated Bibliographies 10268.
Anomalies 10455, 11379, 21807, 22545.
Aphasia 11487, 20432, 22141.
Architectural Barriers 23066.
Architectural Programing 11990, 20830, 20939.
Architecture 20170.
Art 11957, 20180, 20475.
Art Materials 20475.
Asthma 10389, 10797, 20503, 22143.
Athletic Equipment 21933.
Attitude Tests 21448.
Attitudes 10602, 10673, 21448.
Audio Equipment 22204.
Audiovisual Aids 21946, 22434.
Auditoriums 22434.
Aurally Handicapped 10097, 10121, 11487, 11537, 20241, 20999, 22893.
Behavior 10797.
Behavior Theories 10389.
Bender Visual Motor Gestalt Test 10097.
Bibliographies 10268.
Binet Vocabulary Test 10874.
Biochemistry 10268, 11379, 11980, 20684, 20874, 23566.
Biographies 10990.
Biomedical Equipment 21545.
Blind 10383, 11487, 21448.
Building Design 11537, 11990, 20830, 20939, 23066.
Bus Transportation 20376.
Business Education 20180.
California 23555.
Campuses 10125, 11537, 23066.
Cardiac (Person) 10121, 11487, 20322, 20999, 22840.
Cardiovascular System 20999, 21339.
Cerebral Palsy 10058, 10097, 10115, 10121, 10424, 10565, 10588, 10874, 11353, 11385, 20170, 20475, 20803, 22051, 22143, 22230, 22893.
Chalkboards 11990.
Child Care 20479, 22230, 22839.
Child Development 10268, 20874.
Chromatography 20684.
Civil Rights 10696, 20960.
Classification 10115.
Classroom Arrangement 11990, 20829.
Classroom Furniture 20829.
Cleaning 22569.
Clergymen 10990.
Climate Control 20939.
Clinical Diagnosis 10097, 10565, 10998, 11353, 11379, 11487, 11980, 20803, 20960, 22051.
Clinics 10565.
Clothing 22569.
Cocurricular Activities 10383.
Cognitive Development 10345.
College Admission 10383, 10602.
College Students 10383.
Colleges 10125, 10383, 11537.
Communication Problems 10058.
Communication Skills 20803, 21946.
Communication (Thought Transfer) 10058.
Communications 20830.
Community Attitudes 10097.
Community Organizations 10383.
Community Planning 10097.
Community Programs 20322.
Community Resources 10383, 20322.
Community Rooms 20939.
Community Services 10565.
Conditioned Response 10389.
Conference Reports 20683.
Contraception 22896.
Cooperative Programs 20170, 20683.
Corridors 11990, 20939.
Cosmetic Prostheses 10455.
Counseling 10125, 10383, 20180, 20922, 22545.
Counseling Effectiveness 21764.
Counselor Role 20432.
Counselors 10125, 20430.
Crafts Rooms 22434.
Crime 10797, 20960.
Curriculum 10121, 10381, 10383, 20180.
Curriculum Development 22027.
Dance 10121.
Day Care Programs 20803.
Deaf 10383, 11487.
Delinquents 10797.
Demography 21448.
Demonstration Projects 20170, 20922.
Design Needs 11537, 11990, 20683, 20829-20830, 20939, 21962, 22569.
Diabetes 22141, 22143.
Diagnostic Teaching 10381.
Diagnostic Tests 22051.
Dietetics 10345, 10998, 11379, 20684, 20874.
Dining Facilities 11990, 22434.
Directories 10125, 10602, 22545.
Disadvantaged Youth 10797, 20874.
Discipline 10424.
Diseases 10268, 10998, 11980, 20874, 20999, 21807, 22143, 22545.
Doman Delacato Method 22051.
Doors 11990, 20830, 20939.
Dormitories 11537.
Driver Education 20180.
Economically Disadvantaged 20874.
Educational Diagnosis 10565.
Educational Equipment 22027, 22434.
Educational Facilities 11537, 20829,

1909

22434.
Educational Methods 22840.
Educational Needs 10381, 10383, 10673, 20874, 21173, 22027.
Educational Programs 10381, 10602, 11487, 20241, 20874, 20960, 21173, 22027.
Educational Research 22027.
Electroencephalography 10345, 11379.
Electromechanical Aids 10058.
Emotional Adjustment 11980, 20479, 21339.
Emotional Development 20503.
Emotional Problems 20432.
Emotionally Disturbed 10797, 11980, 20999.
Employer Attitudes 10990.
Employment 10097, 10602, 10696, 10990, 20922, 21339.
Employment Experience 20922.
Employment Opportunities 10602, 21173.
Employment Potential 10602.
Employment Qualifications 10602.
Endocrinology 22649.
Environmental Influences 10797, 11980, 21962.
Epilepsy 10345, 10696, 11350, 11980, 20960, 22143, 23566.
Equipment 23514.
Equipment Evaluation 22204.
Equipment Storage 11990, 20939, 22569.
Equipment Utilization 22204.
Etiology 10115, 10268, 10345, 10455, 10565, 10998, 11353, 11980, 20322, 20684, 20960, 21017.
Europe 20241.
Evaluation Methods 22051.
Exceptional Child Education 10097, 10115, 10121, 10125, 10268, 10381, 10383, 10424, 10588, 10673, 10696, 10990, 11350, 11353, 11487, 11537, 11990, 20180, 20241, 20376, 20430, 20475, 20829, 21009, 21079, 21933, 21946, 21962, 22434, 22840, 22893.
Exceptional Child Research 10058, 10389, 10797, 10874, 10998, 11980, 20683-20684, 20874, 20922, 21448, 21469, 22027, 22649, 23566.
Exceptional Child Services 10345, 10455, 10565, 10602, 11379, 11385, 11957, 20170, 20322, 20432, 20479, 20503, 20803, 20830, 20939, 21017, 21545, 21679, 21764, 22204, 22230, 23555.
Exercise (Physiology) 21079, 21807, 22893, 23514.
Facilities 10125, 10383, 11537, 20683, 20803, 20829-20830, 21962, 22434, 22569, 22893.
Factor Analysis 21448.
Family Attitudes 22141.
Family Counseling 20322.
Family Environment 10797, 21764.
Family Influence 21764.
Family Problems 11385, 21173.
Family Role 10990.
Family (Sociological Unit) 10424, 10673, 10696, 10990, 21339, 22141.
Farmers 10990.
Fatigue (Biology) 22649.
Federal Aid 10602, 20874, 20939.
Financial Support 11385, 20376, 20430, 20803.
Fire Protection 11537.
Flexible Scheduling 20180.
Flooring 11990, 20830.
Fly Test 10874.
Followup Studies 20170.
Food Handling Facilities 20939, 22569.
Foreign Countries 20241, 20874.
Foster Family 21679, 21764.
Furniture 20829, 22434, 23066.
Galactosemia 11379.
Games 10121, 10588, 11957.
Genetics 10268, 10345, 10673, 10998, 22545.
Government Employees 10602.
Government Role 20684, 20874.
Grouping (Instructional Purposes) 20180.
Gymnasiums 22434.
Handicapped 10125, 10588.
Handicapped Children 10121, 11537, 21079, 21173.
Handicrafts 11957, 20475.
Hansens Disease 11487.
Hard Of Hearing 10383, 11487.
Health 20322, 20874, 21017.
Health Education 20180.
Health Personnel 20430.
Health Services 23555.
Heating 20830.
Hemophilia 10673, 21339.
Heredity 10345, 10673, 10998, 11379, 11980, 21339.
Historical Reviews 10389, 20960.
Hobbies 11957.
Home Economics 20180, 22569.
Home Instruction 10381.
Homebound 10381, 10565, 10602, 11487, 11957, 21009, 22839.
Hospital Schools 10381.
Hospitalized Children 10381, 11487, 21679.
Hospitals 10565.
Human Body 21079, 21807.
Human Posture 21079, 21807.
Identification 10115, 10565, 10998, 11353, 20322, 20684.
Illegitimate Births 22896.
Incidence 10268, 10565, 10998, 11980, 20241, 20503, 20874, 20939, 21339, 21933.
Individual Characteristics 10381, 20479, 20960, 21469.
Infancy 10345, 20684, 20874.
Infectious Diseases 10345.
Injuries 10345, 10673.
Innovation 21009.
Inservice Teacher Education 20430.
Institutionalized (Persons) 21764.
Institutions 10565.
Instructional Materials 10588, 20803, 20829, 21933, 21946
Instructional Staff 20430.
Insurance Programs 11385.
Intellectual Development 10424, 20874.
Intelligence 21469.
Intelligence Differences 21469.
Intelligence Tests 10097.
Interagency Cooperation 21679
Interdisciplinary Approach 20430.
Interior Design 23066.
Internal Scaling 21448.
Interpersonal Relationship 21764.
Interprofessional Relationship 21545.
Item Analysis 21448.
Job Placement 20922.
Ketogenic Diet 10345.
Laboratories 11990.
Landscaping 20939.
Language Ability 20432.
Language Arts 20180.
Language Development 10115.
Language Handicapped 11353, 20432.
Language Handicaps 10097.
Learning Characteristics 11353.
Learning Disabilities 20170.
Legislation 10696, 20170, 20683.
Leisure Time 21339.
Leprosy 11487.
Libraries 11990, 20180, 22434.
Library Instruction 20180.
Lighting 11990, 20830, 20939.
Literature 20960.
Low Rent Housing 20939.
Males 21339.
Manipulative Materials 10588, 21946.
Marble Board Test 10874.
Marriage 10696, 20960.
Mathematics 20180, 21469.
Medical Case Histories 10268, 10345, 20684.
Medical Evaluation 10115, 10455, 10565, 10998, 11379, 20503, 20684, 20960, 20999, 21017, 21545, 22649, 22896.
Medical Research 10389, 10998, 11379, 20684, 20960, 22545.
Medical Services 10097, 10455, 10565, 20922, 21173, 22545.
Medical Treatment 10268, 10345, 10389, 10565, 10673, 11379, 20322, 20503, 20684, 20960, 20999, 21017, 21339, 21545, 22649.
Mental Health 10673.
Mental Illness 10121, 11980.
Mental Retardation 10097, 10121, 20874.
Mentally Handicapped 10121, 10268, 11379, 11980, 20684, 20803, 20874, 20999.
Metabolism 20684, 20999.
Minimally Brain Injured 10345, 22051.
Mobility Aids 22434.
Mongolism 22141.
Mothers 20874, 22569.
Motor Development 21962, 22051, 22230.
Motor Reactions 20475.
Motor Vehicles 20376.
Multiply Handicapped 10097, 10115, 11487.
Muscular Dystrophy 10998, 11487, 20479.
Muscular Strength 21079, 21807, 22649, 23514.
Music 11957, 20180.
Myasthenia Gravis 22649.
National Organizations 10383, 10990.
National Programs 10125, 10383, 10602, 20241.
National Surveys 20241, 21339.
Need Gratification 10797.
Negative Attitudes 21448.
Neurological Defects 20432, 20999, 22649.
Neurologically Handicapped 10115, 10874, 11353, 11385, 11980, 20803, 20999, 22051.
Neurology 10115, 20999, 23566.
New York State University 11537.
Nursing 22839.
Nursing Homes 10990, 21679.
Nutrition 10121, 10268, 20874.
Object Manipulation 20479, 22569.
Occupational Therapy 10097, 11487, 20430, 22051, 23514.
Occupations 20922.
Older Adults 10121, 10990, 20939.
Operant Conditioning 10389.
Orthopedic Braces 21545.

Parent Attitudes 10097, 10424, 10696.
Parent Child Relationship 10797, 11487, 21173.
Parent Counseling 10097, 10455, 20803.
Parent Education 10097, 21017, 22230.
Parent Reaction 10696.
Parent Role 10424, 10673, 20430, 20479, 20503, 21173, 21339, 22230, 22839.
Parents 10424.
Parking Areas 11990, 20939.
Parking Facilities 11537.
Partially Sighted 10383, 11487.
Pathology 10268, 20999, 22649.
Perception 10874.
Perception Tests 10874.
Perceptual Motor Coordination 10588, 21962.
Perceptual Motor Learning 20803.
Perceptually Handicapped 10874, 20432.
Personal Care Homes 11385.
Personality 10097, 10797, 21469.
Personality Assessment 10797.
Personality Development 11980.
Personality Problems 10797.
Personality Theories 10389.
Personnel 20376, 20430.
Personnel Selection 22027.
Phenylketonuria 11379, 20684.
Photography 20180.
Physical Activities 10455, 21079, 22230, 23514.
Physical Characteristics 10268, 11980.
Physical Development 21545, 22230.
Physical Education 10121, 10125, 20180, 21079, 21807, 21933, 22893.
Physical Environment 20683, 23066.
Physical Fitness 10121, 21079, 21807.
Physical Handicaps 10455, 20999, 21807.
Physical Health 10389, 20999.
Physical Therapists 20430.
Physical Therapy 10097, 10115, 10455, 10998, 21017, 21079, 22051, 22893, 23514.
Physically Handicapped 10058, 10097, 10115, 10121, 10125, 10383, 10424, 10455, 10565, 10588, 10602, 10874, 10990, 11353, 11385, 11487, 11537, 11980, 11990, 20170, 20180, 20241, 20376, 20430, 20475, 20479, 20683, 20803, 20829-20830, 20922, 20939, 21009, 21017, 21079, 21173, 21448, 21469, 21545, 21679, 21764, 21933, 21946, 21962, 22027, 22141, 22143, 22204, 22230, 22434, 22569, 22840, 22893, 23066, 23514, 23555, 23566.
Physicians 20430.
Physiology 10389, 20999, 22649, 23566.
Placement 21679.
Playgrounds 21962.
Poverty Programs 20874.
Pregnancy 20960, 22896.
Preschool Children 20829, 21962.
Preschool Education 20180.
Prevention 20170.
Preventive Medicine 10565, 20322, 20960.
Productive Living 10990.
Professional Education 20170, 20430.
Professional Personnel 20376, 20430, 20803.
Program Budgeting 20170.
Program Descriptions 21679.
Program Development 21009.
Program Evaluation 20322, 21764, 22027.
Program Planning 10565, 20170, 20322, 21079.
Program Proposals 23555.
Projective Tests 10797.
Prostheses 10455, 21173, 21469.
Psychiatrists 10389.
Psycholinguistics 21469.
Psychological Characteristics 10121, 10389, 10673.
Psychological Evaluation 20803.
Psychological Needs 10389, 10673, 10797, 20830.
Psychomotor Skills 10588, 20475.
Psychopathology 11980.
Psychophysiology 20503.
Psychosomatic Diseases 10389, 20503.
Psychotherapy 10389, 11980.
Public Health 20322.
Public Relations 20170.
Quadriplegia 20922.
Radiation Biology 22649.
Rancho Los Amigos Hospital (Los Angeles) 21679.
Reading 20180.
Reading Ability 21469.
Receptive Language 20432.
Records (Forms) 20803.
Recreation 21173.
Recreational Facilities 11990, 20683, 21962.
Regular Class Placement 22840.
Rehabilitation 10990, 11353, 11487, 21173.
Rehabilitation Programs 21079, 21764, 23514.
Reinforcement 11980.
Research Needs 10673, 20170.
Research Projects 10389, 10673, 10998.
Research Reviews (Publications) 22027.
Research Utilization 10998.
Residential Care 11385, 23555.
Rheumatic Fever 22839.
Rural Areas 20170.
Safety Education 20376, 20939.
Sanitary Facilities 11537, 11990, 20830, 20939, 22569.
Scheduling 20803.
School Buildings 21009, 22027, 23066.
School Community Relationship 21009.
School Psychologists 20430.
Sciences 10381, 11990, 20180, 22434.
Screening Tests 10268, 20684.
Seizures 10345, 23566.
Self Actualization 10381.
Self Care Skills 10588, 20479, 21017, 21173, 21946, 22569.
Self Concept 11980, 20803, 21339.
Self Esteem 10797.
Sensory Aids 22204.
Services 10125, 10998, 11487, 20241, 20322, 20922, 20960.
Sewing Instruction 11957.
Sex Education 21173, 22896.
Site Selection 20939.
Skill Development 10588.
Social Adjustment 20432, 21079, 21173, 21764.
Social Characteristics 10389, 11980, 21339, 21469.
Social Influences 10389.
Social Problems 22896.
Social Services 21679, 21764.
Social Studies 20180.
Social Work 10097.
Social Workers 21764.
Socialization 10381.
Socially Deviant Behavior 10797.
Socially Maladjusted 10121.
Space Utilization 20829-20830.
Special Health Problems 10268, 10345, 10389, 10673, 10696, 10998, 11350, 11487, 11957, 20322, 20503, 20829, 20960, 21339, 22141, 22143, 22649, 22839.
Special Schools 21009.
Speech Evaluation 10115.
Speech Habits 11353.
Speech Handicapped 10115, 11353, 11487.
Speech Handicaps 10097.
Speech Skills 10115.
Speech Therapists 20430, 20432.
Speech Therapy 10115, 11353.
Spina Bifida 21017.
Staff Role 20430.
State Legislation 10696.
State Programs 10383, 23555.
Statistical Data 20922.
Stereotypes 21448.
Student Participation 10381.
Student Placement 21469.
Success Factors 21764.
Surveys 20922.
Swimming 11990, 22893.
Syracuse Visual Figure Background Test 10874.
Tactual Motor Test 10874.
Tactual Perception 10874.
Taxonomy 11980.
Teacher Developed Materials 21946.
Teacher Education 20241.
Teacher Role 22840.
Teaching Guides 10381.
Teaching Methods 10121, 10381, 20180, 20475, 21079, 22893.
Technology 20683.
Telephone Communication Systems 20939, 22204.
Terman Merrill Intelligence Scale 10874.
Test Construction 21448.
Test Interpretation 10874.
Testing 10874.
Theater Arts 20180.
Theories 10389.
Thymus 22649.
Toys 10588, 11957.
Training Techniques 10455.
Transportation 20170, 20376, 20683, 20803, 22027.
Tuberculosis 11487.
United States Housing Act Of 1937 20939.
Universities 10125.
Unwed Mothers 22896.
Visual Perception 10874.
Visually Handicapped 10097, 10121, 10602, 11487, 11537, 20241, 20999, 22893.
Vocational Adjustment 20922.
Vocational Counseling 10097, 20432, 21339, 21764.
Vocational Education 10565, 10602, 20241.
Vocational Rehabilitation 10097, 10125, 10602, 10673, 20432, 20922, 20960.
Welfare Services 11385, 21679.